Summary

Total Test Objects:	3
Successful:	2
Failed:	1
Not Executed:	0
Date:	2018-03-03
Time:	17:25:17+0530

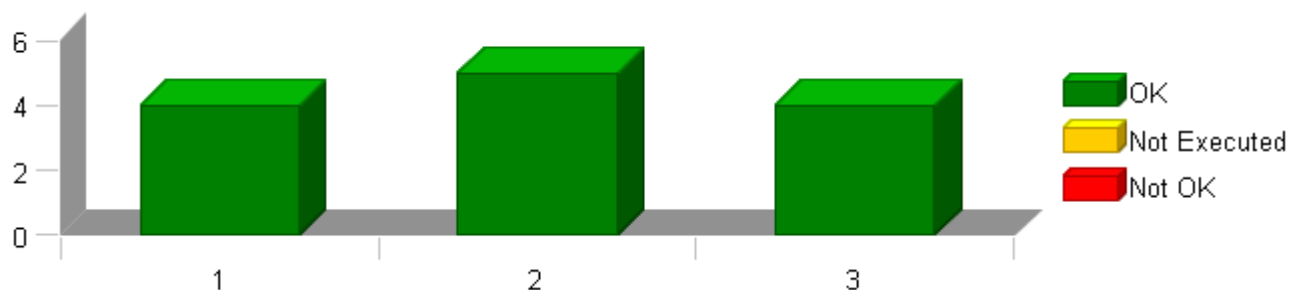## Overall Test Object Results (including Coverage)
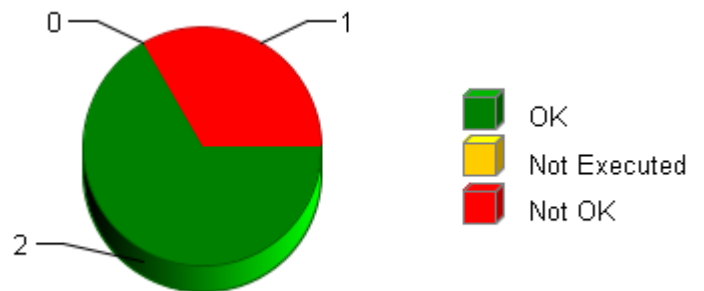
Selected Project Items

Test Object "CBD_UnitTest/PsaAgArbn/PsaAgArbn_Init1"
Test Object "CBD_UnitTest/PsaAgArbn/PsaAgArbn_Per1"
Test Object "CBD_UnitTest/PsaAgArbn/PsaAgArbn_SCom_PsaAaCmd"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)

The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

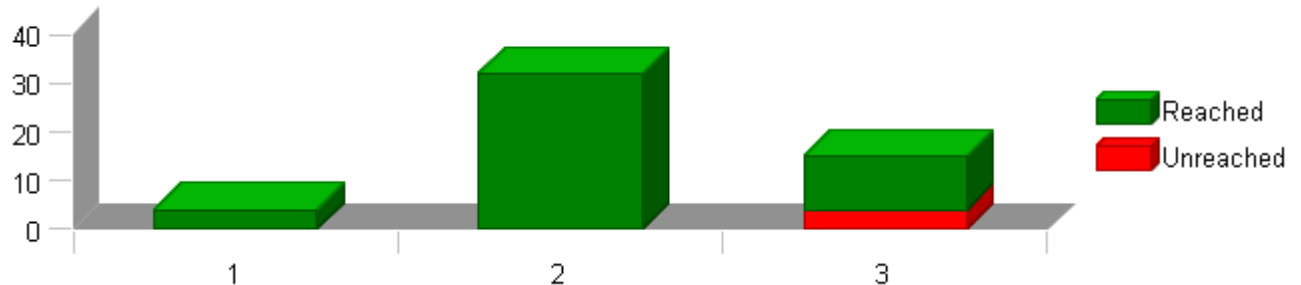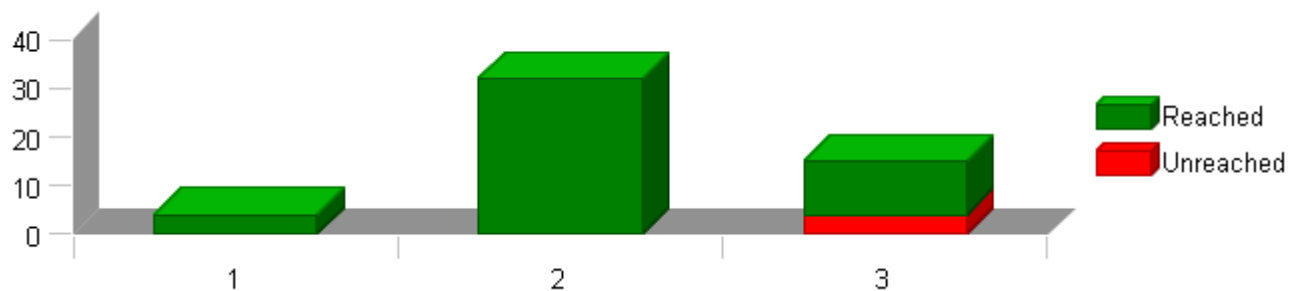## Statement (C0) Coverage: Total Statements for Each Test Object
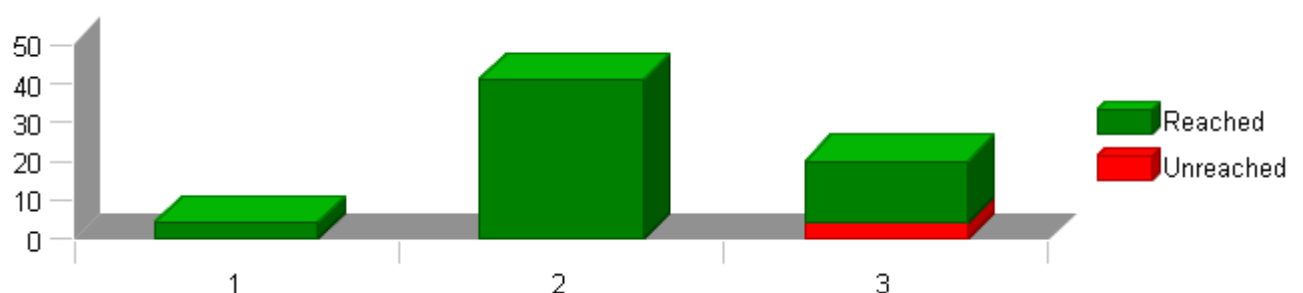
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

Branch (C1) Coverage: Total Branches for Each Test Object

The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.
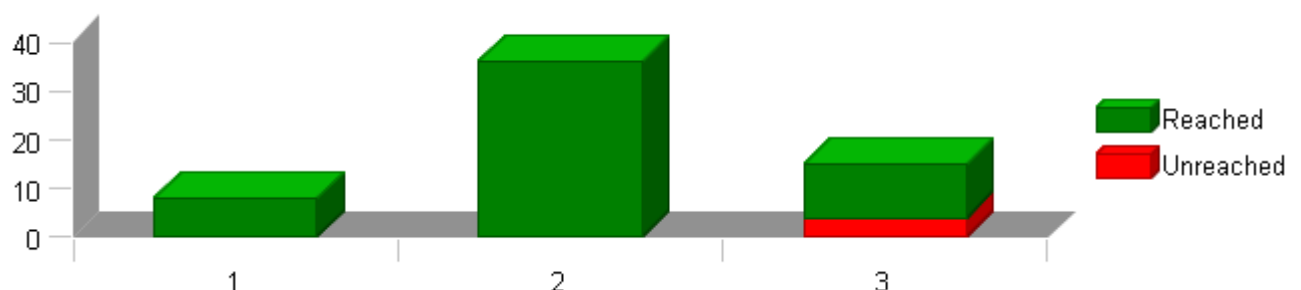
Decision Coverage: Total Decision Outcomes for Each Test Object

The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.

MC/DC Coverage: Total Condition Combinations for Each Test Object

The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, each decision requires all contained atomic conditions to evaluate to both true and false independently of all other conditions. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.

Test Object List

The following table lists all test objects with their test case and coverage results. The cumulated results for modules, folders and test collections are also displayed, the indentation within the name column indicates the parent relationship of the elements.

Please note that only test objects are numbered within the first column. This number is referenced on the x axis within the overview charts for test case and coverage results available on previous pages (if included into the report).

No.	Name	C0	C1	DC	MC/DC	Test Cases	Result
	PsaAgArbn_CF039A	93.84 %	92.15 %	92.15 %	93.22 %	13 of 13 passed	☒
	CBD_UnitTest	93.84 %	92.15 %	92.15 %	93.22 %	13 of 13 passed	☒
	PsaAgArbn	93.84 %	92.15 %	92.15 %	93.22 %	13 of 13 passed	☒
1	PsaAgArbn_Init1	100 %	100 %	100 %	100 %	4 of 4 passed	✔
2	PsaAgArbn_Per1	100 %	100 %	100 %	100 %	5 of 5 passed	✔
3	PsaAgArbn_SCom_PsaAaCmd	80 %	73.33 %	73.33 %	73.33 %	4 of 4 passed	☒

Project	PsaAgArbn_CF039A
Module	PsaAgArbn
Test Object	PsaAgArbn_Per1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MC/DC Coverage	100 %

Statistics

Total Testcases	5	
Successful	5	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP
Configuration File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\PsaAgArbn\src\Ap_PsaAgArbn.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D__inline= -D_extern= -Dconst= -I$(PROJECTROOT)\PsaAgArbn\tools\Contract -I$(PROJECTROOT)\PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D__inline= -D_extern= -Dconst= -I$(PROJECTROOT)\PsaAgArbn\tools\Contract -I$(PROJECTROOT)\PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'PsaAgArbn'	*********************************** Unit Test Information ** Name of Tester: Ashish John Code File(s) Under Test:Ap_PsaAgArbn.c Code File(s) Version: 6 Module Design Document:PsaAgArbn_MDD.docx Module Design Document Version:4 Data Dictionary Version: 6 Unit Test Plan Version:5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes): 3380 Total RAM Used (Bytes): 75 Total CALS Used (Bytes): 86 Special Test Requirements:NA Test Date:3/3/2018 Comments: Note1: The Inline functions are not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3: The Expected outputs are calculated from MATLAB model. Note4: Local functions "ESCOffsMngr" , "OffsConsistencyFltMngt" , "SnsrMon", "SnsrSupv","RecommendedState", "GenRawAbsltHwPosnSignals","VehCondChk" and "SwitchOffs" are not tested individually as they are tested in function "PsaAgArbn_Per1". For snapshot please refer "PsaAgArbn_PsaAgArbn_Per1_Coverage". Note5: In function "ESCOffsMngr", low path Coverage for MC/DC exists at source line no. 1267. **

Attributes	
Name	**Value**
Compiler Install Path	$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\obj

Attributes	
Name	**Value**
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(TESSY_SYSPATH)\compiler\ti\tms470\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metric test ✔

Description	Vector Description:

TS1.1"Shortest execution path:
if (PsaAgAn_StInit_Cnt_M_lgc != D_FALSE_CNT_LGC)==>F"
TS2.2"Longest execution path:
if (PsaAgAn_StInit_Cnt_M_lgc != D_FALSE_CNT_LGC)==>T && if ((PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODFAIL)
&&(EscOffsEna_Cnt_T_lgc != D_FALSE_CNT_LGC))==>F
switch (PsaAgAn_EscOffsSt_Cnt_M_enum)==>case PSAAGAN_INIT && if ((PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODABSLT)
&&(RecomSt_Cnt_T_enum != PSAAGARBNST_STNOSYNCN))==>F
else if ((PsaAgAn_SnsrMod_Cnt_M_enum != PSAAGAN_MODININ) &&(EscOffsEna_Cnt_T_lgc != D_FALSE_CNT_LGC))==>T && switch
(PsaAgAn_EscOffsSt_Cnt_M_enum)==>PSAAGAN_POWERCUT&&
if (ResetDone_Cnt_T_lgc != D_FALSE_CNT_LGC)==>T && if ((AbsltHwPosnVld_Cnt_T_lgc != D_FALSE_CNT_LGC)
&&(AbsltHwAuthority_Uls_T_f32 >= SensorlessAuthority_Uls_T_f32))==>F"

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	577.226013
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	50

Name	Input Value
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2978179701
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw[	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	849.708801	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.88630867	-6.88630819	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-230.438599	-230.438538	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-26.3596191	-26.3596306	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.50867	-1071.50867	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 1.2 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.25629997	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.594600022	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.594600022	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-674.417419	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.594600022	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	939.021118	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	68.1901016	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	26.5265007	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.2961998	
k_PsaAgAn_EpsPrec_HwDeg_f32	15.4428997	
k_PsaAgAn_MinPrecFail_HwDeg_f32	44.0638008	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	476.084015	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1591.73352	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.5474	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10	
k_PsaAgAn_VehCondMinTi_mS_u32	1497	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.91455
target_Pim_PsaAgArbnLrndOffsData.MinOffset	377.772797
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7434.5957
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1438.44604
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.64780045
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.900900006
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-543.972717
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	575.169373
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0966999978
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1540.26025
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.71500003
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	224.617203
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4141706336
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699	191.881699	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213	339.556213	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.00062895	2.00062871	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-323.446198	-323.446198	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-204.408386	-204.408371	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	575.169373	575.169373	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	191.881699	191.881699	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521	-942.6521	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	476.084015	476.084015	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1591.73352	1591.73352	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	567.266907	567.266907 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	950.554626	950.554565	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0966999978	0.0966999978 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1540.26025	1540.26025 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	575.169373	575.169373 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Case 2: Range Test ✔

Description	Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3AlignedCumMechMtrPosStatus_Cnt_u08==>Min
TS2.4AlignedCumMechMtrPosStatus_Cnt_u08==>Max
TS2.5AlignedCumMechMtrPosStatus_Cnt_u08==>Pos
TS2.6AlignedRelHwPos_HwDeg_f32==>Min
TS2.7AlignedRelHwPos_HwDeg_f32==>Max
TS2.8AlignedRelHwPos_HwDeg_f32==>Pos
TS2.9AlignedRelHwPos_HwDeg_f32==>Zero
TS2.10AlignedRelHwPos_HwDeg_f32==>Neg
TS2.11CumMechMtrPosStatus_Cnt_u08==>Min
TS2.12CumMechMtrPosStatus_Cnt_u08==>Max
TS2.13CumMechMtrPosStatus_Cnt_u08==>Pos
TS2.14HwTorque_HwNm_f32==>Min
TS2.15HwTorque_HwNm_f32==>Max
TS2.16HwTorque_HwNm_f32==>Pos
TS2.17HwTorque_HwNm_f32==>Zero
TS2.18HwTorque_HwNm_f32==>Neg
TS2.19MtrVelCRF_MtrRadpS_f32==>Min
TS2.20MtrVelCRF_MtrRadpS_f32==>Max
TS2.21MtrVelCRF_MtrRadpS_f32==>Pos
TS2.22MtrVelCRF_MtrRadpS_f32==>Zero
TS2.23MtrVelCRF_MtrRadpS_f32==>Neg
TS2.24RelHwPos_HwDeg_f32==>Min
TS2.25RelHwPos_HwDeg_f32==>Max
TS2.26RelHwPos_HwDeg_f32==>Pos
TS2.27RelHwPos_HwDeg_f32==>Zero
TS2.28RelHwPos_HwDeg_f32==>Neg
TS2.29SensorlessAuthority_Uls_f32==>Min
TS2.30SensorlessAuthority_Uls_f32==>Max
TS2.31SensorlessHwPos_HwDeg_f32==>Min
TS2.32SensorlessHwPos_HwDeg_f32==>Max
TS2.33SensorlessHwPos_HwDeg_f32==>Pos
TS2.34SensorlessHwPos_HwDeg_f32==>Zero
TS2.35SensorlessHwPos_HwDeg_f32==>Neg
TS2.36EscAckFromSerlCom_Cnt_lgc==>Min
TS2.37EscAckFromSerlCom_Cnt_lgc==>Max
TS2.38EscDataVldFromSerlCom_Cnt_lgc==>Min
TS2.39EscDataVldFromSerlCom_Cnt_lgc==>Max
TS2.40EscOffsFromSerlCom_HwDeg_f32==>Min
TS2.41EscOffsFromSerlCom_HwDeg_f32==>Max
TS2.42EscOffsFromSerlCom_HwDeg_f32==>Pos
TS2.43EscOffsFromSerlCom_HwDeg_f32==>Zero
TS2.44EscOffsFromSerlCom_HwDeg_f32==>Neg
TS2.45EscPrecisionFromSerlCom_HwDeg_f32==>Min
TS2.46EscPrecisionFromSerlCom_HwDeg_f32==>Max
TS2.47EscPrecisionFromSerlCom_HwDeg_f32==>Pos
TS2.48TorqueCmdCRF_MtrNm_f32==>Min
TS2.49TorqueCmdCRF_MtrNm_f32==>Max
TS2.50TorqueCmdCRF_MtrNm_f32==>Pos
TS2.51TorqueCmdCRF_MtrNm_f32==>Zero
TS2.52TorqueCmdCRF_MtrNm_f32==>Neg
TS2.53VehicleSpeedValid_Cnt_lgc==>Min
TS2.54VehicleSpeedValid_Cnt_lgc==>Max
TS2.55VehicleSpeed_Kph_f32==>Min
TS2.56VehicleSpeed_Kph_f32==>Max
TS2.57VehicleSpeed_Kph_f32==>Pos
TS2.58EscOffsEna_Cnt_lgc==>Min
TS2.59EscOffsEna_Cnt_lgc==>Max
TS2.60Rte_Call_SystemTime_DtrmnElapsedTime_uS_u32==>0
TS2.61Rte_Call_SystemTime_DtrmnElapsedTime_uS_u32==>PSAAGAN_MODREL
TS2.62Rte_Call_SystemTime_DtrmnElapsedTime_uS_u32==>PSAAGAN_MODREL

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-10
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1350
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-890
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	1
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	0
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	0
k_PsaAgAn_EpsPrec_HwDeg_f32	0
k_PsaAgAn_MinPrecFail_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-3
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0
k_PsaAgAn_VehCondMinTi_mS_u32	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	0
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-10125
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	0
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1630
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1350
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3200
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	0
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	0
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0{	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l{	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-10	-10	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1350	-1350	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-890	-890	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1600	-1600 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr		1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt		1	✔
SnsrMon	1	SnsrMon		1	✔
SnsrSupv	1	SnsrSupv		1	✔
RecommendedState	1	RecommendedState		1	✔
VehCondChk	1	VehCondChk		1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32		1	✔
SwitchOffs	1	SwitchOffs		1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals		1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.2 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	10	

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998132586
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1350
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998132586
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	890
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998132586
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	100
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	30
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	30
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	500
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	10000
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	32768
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	255
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	10125
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	255
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1630
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1350
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3200
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1600
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	511
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4294967295
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1581	1581	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	10	10	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1350	1350	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	890	890	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1600	1600 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	0
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3649.55127
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	146
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-41.1203995
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.5506992
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.60070038
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-49.5728989
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3021.90015
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.50150001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	534.049072
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.19070005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	107.980797
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1736077773
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.50150001	0.50150001 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	534.049072	534.049072 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	255

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-650.965027
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	23
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-172.656693
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.2928009
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-3.78259993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-143.929901
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2296.54688
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.485199988
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-483.452606
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.69640017
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	435.141693
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	500208931
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.485199988	0.485199988 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-483.452606	-483.452606 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.5 (Repeat Count = 1)	✔
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	220
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7314.42383
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	177
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1022.67261
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.5622005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.08120012
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	655.964478
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2670.37207
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.835600019
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	318.935608
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.88040018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	323.877808
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1667499083
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.835600019	0.835600019 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	318.935608	318.935608 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 2.6 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	

Name	Input Value
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	146
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-10125
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	211
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-277.789215
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.8917007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.28579998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-762.001587
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1445.71167
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1139.69055
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.02990007
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	319.013092
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3428075234
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1139.69055	-1139.69055 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsItHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.7 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsItHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1

Name	Input Value
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	73
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	10125
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	76
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-991.045227
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.6148996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.528599977
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1053.18274
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	283.30249
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.462500006
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1409.99011
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	165.576096
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1557105261
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.462500006	0.462500006 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1409.99011	-1409.99011 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	178
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1011.45349
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	55
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1516.16516
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.9356003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.95429993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1296.54028
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2550.15869
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-464.869995
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.74860001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	73.9806976
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3217849488
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-464.869995	-464.869995 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr		1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt		1	✔
SnsrMon	1	SnsrMon		1	✔
SnsrSupv	1	SnsrSupv		1	✔
RecommendedState	1	RecommendedState		1	✔
VehCondChk	1	VehCondChk		1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32		1	✔
SwitchOffs	1	SwitchOffs		1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals		1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.9 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	

Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	125
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	0
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	158
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1117.703
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.6273994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.07400036
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1023.07617
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1792.33105
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-701.95752
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.38020039
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	52.4859009
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	391687561
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-701.95752	-701.95752 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.10 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	

Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	252
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-101.527496
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	101
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-616.708801
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	11.2152004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.94740009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-18.9281998
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3140.27856
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-783.3255
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.82599998
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	205.813995
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	964789682
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-783.3255	-783.3255 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.11 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	15
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5461.78223
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	0
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1555.10352
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.5872002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.18319988
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-632.012878
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1472.97961
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.83829999
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	38.1071014
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.49599981
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	343.298401
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	944607617

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwC	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.83829999	0.83829999 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	38.1071014	38.1071014 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.12 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	145

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	271.697205
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	255
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	116.469002
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32	27.6898003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.17720032
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	101.222504
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	545.434082
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1243.5105
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.71390009
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	154.438797
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1001143895
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1243.5105	1243.5105 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.13 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	136
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1726.89514
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	53
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-403.596588
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.85039997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.12190008
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	375.509796
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1687.16602
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-777.865479
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	146.236496
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	207120697
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-777.865479	-777.865479 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.14 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5

Name	Input Value
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	30
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7163.09424
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	187
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	786.194824
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	25.5884991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	64.8553009
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1146.96814
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.729099989
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1101.94751
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.31879997
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	71.1871033
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4284280723
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.729099989	0.729099989 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1101.94751	1101.94751 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.15 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8

Name	Input Value		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	28		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1673.74426		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	45		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	569.974182		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.8396997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-33.3661003		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2503.18359		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-187.108994		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.2198		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	435.303894		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1076438868		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-187.108994	-187.108994 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	86
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1375.56714
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	75
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	738.362793
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.3146992
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.45230007
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-868.459595
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2544.67993
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.00669999979
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-768.399597
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.85580015
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	430.047302
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1020975854
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.00669999979	0.00669999979 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-768.399597	-768.399597 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.17 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*

Name	Input Value
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	182
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6754.10449
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	197
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-975.546509
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.3289001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1219.96814
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2151.22632
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.495099992
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1316.78992
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.62010002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	352.535889
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	473553313
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	

PsaAgArbn_Per1

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.495099992	0.495099992 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1316.78992	1316.78992 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.18 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	90
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2122.91626
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	72
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-563.900574
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.5941
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.75829995
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	133.111496
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1953.56848
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1039.45618
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.94850016
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	64.9138031
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2168084999
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1039.45618	1039.45618 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.19 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	85
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1489.3114
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	154
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1589.34546
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.0000992
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.25999999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1350
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	317.577606
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1342.19043
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.4920001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	280.248901
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3865500920

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1342.19043	1342.19043 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	32

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2685.31201
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	6
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1066.24365
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.80170012
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.34600019
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1350
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1086.03113
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1021.47607
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5710001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	8.83749962
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	826635710
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔

TEST DETAILS REPORT

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PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1021.47607	1021.47607 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.21 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	62
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7889.92773
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	200
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1518.92236
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	8.4630003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.37599993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	187.142395
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2497.7439
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	21.0916996
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.85469997
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	307.290405
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1707087349
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	21.0916996	21.0916996 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.22 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978

Name	Input Value
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	90
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2032.93274
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	227
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	560.676514
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.9062004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.64039993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1971.73999
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0988999978
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-92.9860001
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.169699997
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	159.275299
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3149590153
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0988999978	0.0988999978 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-92.9860001	-92.9860001 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.23 (Repeat Count = 1)   ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1

Name	Input Value
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	209
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4016.43213
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	35
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	547.515808
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	22.4209003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-9.62390041
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1153.08447
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1407.87366
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.446999997
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1392.37769
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.45860004
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	249.289505
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3599011949
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.446999997	0.446999997 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1392.37769	1392.37769 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.24 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	121
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-529.32782
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	161
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1272.27747
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.96869993
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.86240005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	723.050781
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3200
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.81309998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1091.41772
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.62939978
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	497.340515
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1915490747
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.81309998	0.81309998 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1091.41772	-1091.41772 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr		1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt		1	✔
SnsrMon	1	SnsrMon		1	✔
SnsrSupv	1	SnsrSupv		1	✔
RecommendedState	1	RecommendedState		1	✔
VehCondChk	1	VehCondChk		1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32		1	✔
SwitchOffs	1	SwitchOffs		1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals		1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.25 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	

Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	9
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5259.35303
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	153
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	914.59082
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	11.1745005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.48339987
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-665.035889
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3200
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	243.018494
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.05599976
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	342.906311
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	229338925
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32

PsaAgArbn_Per1

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	243.018494	243.018494 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.26 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*

Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	175
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6432.10742
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	201
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1225.54346
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	22.6343994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-3.68210006
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	36.4248009
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1601.62805
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-814.252502
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.30149984
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	285.052704
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2487079490
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-814.252502	-814.252502 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.27 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	235
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9898.1582
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	156
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1559.94556
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.1477003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.90939999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	723.878418
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	0
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1321.88525
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.98740005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	326.082092
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1651054469

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1321.88525	1321.88525 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.28 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	35

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1587.64832
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	234
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-187.853394
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.5533009
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.71309996
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-429.302002
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2772.74121
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.692099988
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	221.184906
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.134299994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	56.5876999
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4234359844
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.692099988	0.692099988 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	221.184906	221.184906 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.29 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	105
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8854.5625
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	220
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1378.7583
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.6253996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.61420012
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-541.364929
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	925.992493
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	204.0849
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.73500001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	376.289703
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2704249132
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	204.0849	204.0849 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 2.30 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	

PsaAgArbn_Per1

Name	Input Value
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	184
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6835.271
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	230
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-647.032898
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.1679001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.66750002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-463.17569
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2629.20044
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1210.17529
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.9211998
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	83.5274963
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1773012736
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1210.17529	1210.17529 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr		1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt		1	✓
SnsrMon	1	SnsrMon		1	✓
SnsrSupv	1	SnsrSupv		1	✓
RecommendedState	1	RecommendedState		1	✓
VehCondChk	1	VehCondChk		1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32		1	✓
SwitchOffs	1	SwitchOffs		1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals		1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✓

Test Step 2.31 (Repeat Count = 1)		✓
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	

Name	Input Value
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	149
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4709.43604
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	219
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-349.853485
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.3885994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.05020046
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	582.69281
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	680.151001
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.658100009
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.52050018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	338.782898
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1559946046
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.658100009	0.658100009 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1600	-1600 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.32 (Repeat Count = 1)		✓
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	20
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1066.87219
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	183

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1600	1600 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.33 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	

Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	8
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	830.305908
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	34
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1146.81104
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.43670011
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.01520014
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	404.94751
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3007.34937
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	864.452698
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.93700004
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	460.846985
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1847922211
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwC	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	864.452698	864.452698 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.34 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*

Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	198
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5396.42627
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	80
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	294.816986
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.5186996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.07989979
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-212.712494
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1770.59924
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.772300005
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	0
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.88040018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	322.480713
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2164615402
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.772300005	0.772300005 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	0	0 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.35 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	238
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6627.32324
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	35
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	162.822693
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.48219991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.00969982
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-658.648682
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2400.41919
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-986.245728
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.16779995
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	320.048187
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2840217569

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-986.245728	-986.245728 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.36 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	191

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-157.289703
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	132
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1364.07788
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.5880003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.76600003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	654.596313
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	773.225525
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	663.518188
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.37559986
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	11.9394999
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1052231492
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	663.518188	663.518188 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.37 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	30
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1211.39209
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	3
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-186.288498
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.890699983
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1346.4895
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3002.17432
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0427000001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-890.029724
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.08600044
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	442.484314
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3421114682
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0427000001	0.0427000001 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-890.029724	-890.029724 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.38 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978

Name	Input Value
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	125
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9444.56348
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	20
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1393.76819
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	20.1657009
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.81980038
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1287.88696
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2528.63232
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1007.63641
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.24479997
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	344.193695
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3870512500
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1007.63641	-1007.63641 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.39 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1

Name	Input Value
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	23
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7214.70947
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	227
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-139.738693
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	6.36689997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-3.14750004
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	694.770386
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2606.39453
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.646499991
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-924.627319
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	483.034088
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1566452204
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.646499991	0.646499991 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-924.627319	-924.627319 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.40 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	149
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9205.64844
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	93
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1630
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.9568005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.61749983
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	184.901703
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2370.37329
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1364.53455
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.1473999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	502.606598
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3851860362
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc

TEST DETAILS REPORT

PsaAgArbn_Per1

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1364.53455	-1364.53455 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.41 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*

Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	232
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3260.99756
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	109
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1630
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.73169994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.664300025
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	762.13501
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-286.20401
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	327.764801
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.45349979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	255.607895
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1913475572
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	327.764801	327.764801 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 2.42 (Repeat Count = 1)	✔
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*

Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	125
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1270.88416
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	54
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	488.414795
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	25.3983002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.5637002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-982.258789
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2287.27661
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.731899977
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1135.32202
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.23569989
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	249.4478
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	594829002
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.731899977	0.731899977 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1135.32202	1135.32202 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.43 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	67
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	316.045593
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	161
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.5494003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-606.558105
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-306.192413
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1535.27869
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.62209988
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	301.397095
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2898321114

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1535.27869	-1535.27869 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.44 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	204

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9557.2041
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	254
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-756.879578
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	8.26809978
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.25250006
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	515.469421
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-305.516693
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.480500013
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-182.001999
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.39849997
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	13.1429005
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	158348186
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.480500013	0.480500013 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-182.001999	-182.001999 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.45 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	85
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8185.38574
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	59
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	850.906372
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.36140013
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	361.934906
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	228.086807
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-471.318298
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.43499994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	347.124207
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2681540698
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔

PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-471.318298	-471.318298 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.46 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	

Name	Input Value
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	66
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8771.28906
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	243
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	162.672104
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.125799999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-880.918213
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1421.07214
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-711.723328
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.45739985
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.524002
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3294668016
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-711.723328	-711.723328 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.47 (Repeat Count = 1)   ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1

Name	Input Value
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	14
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4695.85889
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	49
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-457.416687
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.2049007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.91480017
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	361.448395
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1862.66614
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1533.99146
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.70879984
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	277.293213
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3002362817
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum			

	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	95
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1841.43188
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	58
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-529.587524
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.23379993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-127.385696
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2478.42212
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.846800029
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1173.96448
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	269.079498
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1652746711
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.846800029	0.846800029 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1173.96448	-1173.96448 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.49 (Repeat Count = 1) ✔

Name	Input Value		
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*		
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*		
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*		
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*		
PsaAgAn_EscProc_Cnt_M_lgc	*none*		
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*		
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*		
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*		
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*		
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*		
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*		

Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	2
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3753.67407
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	10
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-426.326294
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.0195007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.90569997
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1116.74255
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2390.021
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1064.27576
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	180.439194
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4227659899
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1064.27576	1064.27576 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.50 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	

Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	73
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8609.37109
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	73
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1030.33142
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.39339995
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.05879974
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	947.092896
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	75.5205002
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-197.374298
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.96540022
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	498.203888
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3558137803
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0{	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-197.374298	-197.374298 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.51 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	16
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6591.03467
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	42
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	124.971703
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.9891005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.86929989
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	675.728882
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3094.19531
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1432.8009
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	253.378799
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4065016172

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1432.8009	1432.8009 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.52 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	86

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-10048.9307
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	153
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1234.60205
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.6747999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.58130002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1117.08154
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2398.46118
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.733699977
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1194.71313
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.47580004
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	366.447815
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2937537438
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.733699977	0.733699977 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1194.71313	-1194.71313 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.53 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0

Name	Input Value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	104		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2349.01611		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	72		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-622.484497		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.3241997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.45689988		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	67.1789017		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1408.23035		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-301.268494		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.93439996		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1.45940006		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	996721870		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-301.268494	-301.268494 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.54 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978

Name	Input Value
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	117
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9611.41406
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	186
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-415.338287
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.8812008
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.77960002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-475.391815
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1191.08826
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.70539999
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-620.122192
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.04090023
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1.45940006
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4160173366
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.70539999	0.70539999 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-620.122192	-620.122192 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.55 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1

Name	Input Value
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	177
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	10056.9639
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	154
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1596.66382
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.82009983
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.48289967
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-769.405518
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2687.16284
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.537599981
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1054.4364
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.3032999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	0
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	47923946
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.537599981	0.537599981 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1054.4364	1054.4364 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.56 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	71
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3487.6311
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	69
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	500.52301
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.7982998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.526499987
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1043.49927
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1121.66125
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.81099999
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-721.545105
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.55340004
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	511
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3709498361
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0{	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.81099999	0.81099999 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-721.545105	-721.545105 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.57 (Repeat Count = 1) ✔

Name	Input Value		
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*		
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*		
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*		
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*		
PsaAgAn_EscProc_Cnt_M_lgc	*none*		
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*		
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*		
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*		
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*		
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*		
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*		

Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	84
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3745.96289
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	141
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-636.214111
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.6037006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.85510004
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-297.875885
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-650.561523
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1065.25415
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	187.021805
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3651394171
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1065.25415	1065.25415 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.58 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*

Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	176
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8803.84277
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	76
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1171.16309
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.5928001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.58759975
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	227.415497
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-363.985992
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.000300000014
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	526.480103
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.20720005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	68.9990005
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3569124738
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.000300000014	0.000300000014 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	526.480103	526.480103 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Name	Input Value
Test Step 2.59 (Repeat Count = 1)	✔
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	63
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4376.09131
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	249
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-461.528809
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.5345001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.0539999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1025.50598
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-322.399689
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1318.63086
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.67519999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	359.243286
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2040210240

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1318.63086	-1318.63086 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.60 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	177

Name	Input Value		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	10056.9639		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	154		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1596.66382		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.82009983		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.48289967		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-769.405518		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2687.16284		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.537599981		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1054.4364		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.3032999		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	0		✔
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0;	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum			

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.537599981	0.537599981 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1054.4364	1054.4364 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.61 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	71
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3487.6311
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	69
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	500.52301
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.7982998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.526499987
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1043.49927
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1121.66125
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.81099999
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-721.545105
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.55340004
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	511
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4294967295
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.81099999	0.81099999 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-721.545105	-721.545105 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.62 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978

Name	Input Value		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	84		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3745.96289		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	141		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-636.214111		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.6037006		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.85510004		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-297.875885		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-650.561523		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1065.25415		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	187.021805		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	14686		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1065.25415	1065.25415 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Case 3: PIM Range Test

Description   Vector Description:

TS3.1PsaAgAn_HwTrqLPF_Uls_M_str.SV==>Min
TS3.2PsaAgAn_HwTrqLPF_Uls_M_str.SV==>Max
TS3.3PsaAgAn_HwTrqLPF_Uls_M_str.SV==>Pos
TS3.4PsaAgAn_HwTrqLPF_Uls_M_str.SV==>Zero
TS3.5PsaAgAn_HwTrqLPF_Uls_M_str.SV==>Neg
TS3.6PsaAgAn_HwTrqLPF_Uls_M_str.K==>Min
TS3.7PsaAgAn_HwTrqLPF_Uls_M_str.K==>Max
TS3.8PsaAgAn_HwTrqLPF_Uls_M_str.K==>Pos
TS3.9PsaAgAn_MtrVelLPF_Uls_M_str.SV==>Min
TS3.10PsaAgAn_MtrVelLPF_Uls_M_str.SV==>Max
TS3.11PsaAgAn_MtrVelLPF_Uls_M_str.SV==>Pos
TS3.12PsaAgAn_MtrVelLPF_Uls_M_str.SV==>Zero
TS3.13PsaAgAn_MtrVelLPF_Uls_M_str.SV==>Neg
TS3.14PsaAgAn_MtrVelLPF_Uls_M_str.K==>Min
TS3.15PsaAgAn_MtrVelLPF_Uls_M_str.K==>Max
TS3.16PsaAgAn_MtrVelLPF_Uls_M_str.K==>Pos
TS3.17PsaAgAn_PinionTrqLPF_Uls_M_str.SV==>Min
TS3.18PsaAgAn_PinionTrqLPF_Uls_M_str.SV==>Max
TS3.19PsaAgAn_PinionTrqLPF_Uls_M_str.SV==>Pos
TS3.20PsaAgAn_PinionTrqLPF_Uls_M_str.SV==>Zero
TS3.21PsaAgAn_PinionTrqLPF_Uls_M_str.SV==>Neg
TS3.22PsaAgAn_PinionTrqLPF_Uls_M_str.K==>Min
TS3.23PsaAgAn_PinionTrqLPF_Uls_M_str.K==>Max
TS3.24PsaAgAn_PinionTrqLPF_Uls_M_str.K==>Pos
TS3.25Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset==>Min
TS3.26Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset==>Max
TS3.27Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset==>Pos
TS3.28Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset==>Zero
TS3.29Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset==>Neg
TS3.30Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Min
TS3.31Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Max
TS3.32Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Pos
TS3.33Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Zero
TS3.34Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Neg
TS3.35Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Min
TS3.36Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Max
TS3.37Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Pos
TS3.38Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Min
TS3.39Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Max
TS3.40Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Pos
TS3.41PsaAgAn_UsedOffs_Uls_M_str.MaxOffset==>Min
TS3.42PsaAgAn_UsedOffs_Uls_M_str.MaxOffset==>Max
TS3.43PsaAgAn_UsedOffs_Uls_M_str.MaxOffset==>Pos
TS3.44PsaAgAn_UsedOffs_Uls_M_str.MaxOffset==>Zero
TS3.45PsaAgAn_UsedOffs_Uls_M_str.MaxOffset==>Neg
TS3.46PsaAgAn_UsedOffs_Uls_M_str.MinOffset==>Min
TS3.47PsaAgAn_UsedOffs_Uls_M_str.MinOffset==>Max
TS3.48PsaAgAn_UsedOffs_Uls_M_str.MinOffset==>Pos
TS3.49PsaAgAn_UsedOffs_Uls_M_str.MinOffset==>Zero
TS3.50PsaAgAn_UsedOffs_Uls_M_str.MinOffset==>Neg
TS3.51PsaAgAn_UsedOffs_Uls_M_str.MaxSrc==>Min
TS3.52PsaAgAn_UsedOffs_Uls_M_str.MaxSrc==>Max
TS3.53PsaAgAn_UsedOffs_Uls_M_str.MaxSrc==>Pos
TS3.54PsaAgAn_UsedOffs_Uls_M_str.MinSrc==>Min
TS3.55PsaAgAn_UsedOffs_Uls_M_str.MinSrc==>Max
TS3.56PsaAgAn_UsedOffs_Uls_M_str.MinSrc==>Pos
TS3.57PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset==>Min
TS3.58PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset==>Max
TS3.59PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset==>Pos
TS3.60PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset==>Zero
TS3.61PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset==>Neg
TS3.62PsaAgAn_ComputedOffs_Uls_M_str.MinOffset==>Min
TS3.63PsaAgAn_ComputedOffs_Uls_M_str.MinOffset==>Max
TS3.64PsaAgAn_ComputedOffs_Uls_M_str.MinOffset==>Pos
TS3.65PsaAgAn_ComputedOffs_Uls_M_str.MinOffset==>Zero
TS3.66PsaAgAn_ComputedOffs_Uls_M_str.MinOffset==>Neg
TS3.67PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc==>Min
TS3.68PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc==>Max
TS3.69PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc==>Pos
TS3.70PsaAgAn_ComputedOffs_Uls_M_str.MinSrc==>Min
TS3.71PsaAgAn_ComputedOffs_Uls_M_str.MinSrc==>Max
TS3.72PsaAgAn_ComputedOffs_Uls_M_str.MinSrc==>Pos
TS3.73PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODININ
TS3.74PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODREL
TS3.75PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODABSLT
TS3.76PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODFAIL
TS3.77PsaAgAn_ResetEsc_Cnt_M_lgc==>Min
TS3.78PsaAgAn_ResetEsc_Cnt_M_lgc==>Max
TS3.79PsaAgAn_EscProc_Cnt_M_lgc==>Min
TS3.80PsaAgAn_EscProc_Cnt_M_lgc==>Max
TS3.81PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc==>Min
TS3.82PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc==>Max
TS3.83PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc==>Min
TS3.84PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc==>Max
TS3.85PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Min
TS3.86PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Max
TS3.87PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Pos
TS3.88PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Zero
TS3.89PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Neg
TS3.90PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc==>Min
TS3.91PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc==>Max
TS3.92PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc==>Min
TS3.93PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc==>Max
TS3.94PsaAgAn_PrevSnsrMod_Cnt_M_enum==>PSAAGAN_MODININ

TS3.95PsaAgAn_PrevSnsrMod_Cnt_M_enum==>PSAAGAN_MODREL
TS3.96PsaAgAn_PrevSnsrMod_Cnt_M_enum==>PSAAGAN_MODABSLT
TS3.97PsaAgAn_PrevSnsrMod_Cnt_M_enum==>PSAAGAN_MODFAIL

Test Step 3.1 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-550.235718
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-471.667297
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-10
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.560599983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-283.076111
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.560599983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-549.704102
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.560599983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	945.293579
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-349.556488
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	184.430695
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	74.2755966
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	6.41669989
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	16.2801991
k_PsaAgAn_EpsPrec_HwDeg_f32	14.6269999
k_PsaAgAn_MinPrecFail_HwDeg_f32	314.00531
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-181.117706
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	843.465027
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.522099972
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.77929997
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.891200006
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.73339999
k_PsaAgAn_VehCondMinTi_mS_u32	5858
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1170.18384
target_Pim_PsaAgArbnLrndOffsData.MinOffset	10.1884003
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5134.53223
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	39
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-613.584412
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.6079006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.35979986
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	245.087601
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1950.90918
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	796.688171
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.33109999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	266.104309
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3268240622
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-550.235718	-550.235718	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-471.667297	-471.667297	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.83810425	-6.83810377	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	13.0124512	13.0124569	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-299.409637	-299.409637	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-349.556488	-349.556488	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	184.430695	184.430695	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-181.117706	-181.117706	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	843.465027	843.465027	

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.2 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	83.330101
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1533.40747
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	10
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1230.26294
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-346.078186
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	498.11319
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	558.820984
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1577.36597
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	70.8013992
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	15.2459002
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	6.53840017
k_PsaAgAn_EpsPrec_HwDeg_f32	5.90250015
k_PsaAgAn_MinPrecFail_HwDeg_f32	7.10419989
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	296.193909
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1657.58044
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.75849998
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.38520002
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.380600005
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.77839994
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.1918
k_PsaAgAn_VehCondMinTi_mS_u32	9528
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-138.450394
target_Pim_PsaAgArbnLrndOffsData.MinOffset	901.53302
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	152
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2922.61768
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	47
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-700.585815
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8169994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.9375
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	352.757111
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2555.69165
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.600000024
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1309.70996
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.64759994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	356.739899
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1136219313
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	83.330101	83.330101	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1533.40747	1533.40747	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.95281887	1.95281887	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	354.424377	354.424377	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-256.48822	-256.48822	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	558.820984	558.820984	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1577.36597	1577.36597	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-138.450394	-138.450394	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	901.53302	901.53302	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1068.09351	-1068.09351	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.600000024	0.600000024 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1309.70996	1309.70996 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr		1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt		1	✔
SnsrMon	1	SnsrMon		1	✔
SnsrSupv	1	SnsrSupv		1	✔
RecommendedState	1	RecommendedState		1	✔
VehCondChk	1	VehCondChk		1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32		1	✔
SwitchOffs	1	SwitchOffs		1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals		1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 3.3 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	508.081787	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1202.08557	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.1486001	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1314.54016	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-504.014709	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	756.701477	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	502.137787	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1054.88733	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	48.2099991	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	3.9914999	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.6523991	
k_PsaAgAn_EpsPrec_HwDeg_f32	1.04649997	
k_PsaAgAn_MinPrecFail_HwDeg_f32	327.702209	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1557.15845	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1172.53223	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.649800003	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.29229999	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.167899996	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.17009997	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.80340004	
k_PsaAgAn_VehCondMinTi_mS_u32	5791	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	765.780029
target_Pim_PsaAgArbnLrndOffsData.MinOffset	315.43161
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	213
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6655.1084
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	212
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-644.389526
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.52659988
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.8435998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1093.41492
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	927.275574
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1000.10382
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.05420005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	363.17691
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4194802638
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	508.081787	508.081787	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1202.08557	-1202.08557	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.84227943	6.84227943	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1088.83972	-1088.83972	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-44.8534546	-44.8534622	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	502.137787	502.137787	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1054.88733	1054.88733	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1557.15845	1557.15845	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1172.53223	1172.53223	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-778.512573	-778.512573	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1000.10382	-1000.10382 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 3.4 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-418.157196	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	370.473602	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.741999984	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-196.281403	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.741999984	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	748.85022	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.741999984	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-235.017105	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1093.18896	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1093.96155	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	8.77620029	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	28.8675995	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	6.70679998	
k_PsaAgAn_EpsPrec_HwDeg_f32	2.3907001	
k_PsaAgAn_MinPrecFail_HwDeg_f32	383.411591	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-437.371307	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-934.90509	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1	

Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.45950007		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.91849995		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.32110023		
k_PsaAgAn_VehCondMinTi_mS_u32	2058		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-376.729401		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1474.74854		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	61		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2717.78735		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	92		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1217.6178		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.5118999		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.08150005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-981.97052		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2125.54858		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.934300005		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	39.0205994		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.72100019		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	372.834686		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2519301712		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-418.157196	-418.157196	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	370.473602	370.473602	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.25447273	-5.25447273	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-779.262695	-779.262695	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	238.2276	238.227585	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1093.18896	1093.18896	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1093.96155	1093.96155	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-437.371307	-437.371307	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-934.90509	-934.90509	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.934300005	0.934300005 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	39.0205994	39.0205994 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 3.5 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	944.697205
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-698.308716
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.88469982
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1177.06458
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	6.99940014
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	738.437317
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1544.42578
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1397.49915
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	67.4524002

Name	Input Value
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	25.4633007
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	22.1672993
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	13.2108002
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	810.938416
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-929.784729
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.203700006
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.52810001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.77260017
k_PsaAgAn_VehCondMinTi_mS_u32	7457
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1135.35083
target_Pim_PsaAgArbnLrndOffsData.MinOffset	441.080994
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	24
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2901.88159
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	77
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1512.17297
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.75110006
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-958.401428
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1153.12073
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	788.28479
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.33309984
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	224.955002
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2804355060
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	944.697205	944.697205	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-698.308716	-698.308716	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.72709179	4.72709179	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-958.816895	-958.816895	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-286.967285	-286.967285	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1544.42578	1544.42578	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1397.49915	1397.49915	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	810.938416	810.938416	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-929.784729	-929.784729	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	73.4633179	73.4633179 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1470.9624	-1470.9624	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	788.28479	788.28479 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.6 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1594.05237	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-96.8656998	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.17809963	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	400.288605	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	2.75169992	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1272.13391	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	

Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	68.6708984
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	966.058411
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	14.0495005
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	29.3167992
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	2.47729993
k_PsaAgAn_EpsPrec_HwDeg_f32	11.6000996
k_PsaAgAn_MinPrecFail_HwDeg_f32	198.718506
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-694.588806
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1517.75867
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.821099997
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.29050016
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.26040006
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.21650028
k_PsaAgAn_VehCondMinTi_mS_u32	532
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	101.592903
target_Pim_PsaAgArbnLrndOffsData.MinOffset	895.856018
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	1
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3360.79248
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	16
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	686.920471
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.1318998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.23120022
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-245.878006
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2315.83325
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-455.483093
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.80289996
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	97.3127975
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3586274737
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0ι	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lι	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwC	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1594.05237	1594.05237	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-96.8656998	-96.8656998	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.17809963	9.17809963	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	400.288605	400.288605	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	2.75169992	2.75169992	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	68.6708984	68.6708984	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	966.058411	966.058411	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-694.588806	-694.588806	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1517.75867	-1517.75867	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-517.364624	-517.364624	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-455.483093	-455.483093 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.7 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-293.684692
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-200.295303
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.06509972

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998132586
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1176.18457
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	790.162781
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1011.14142
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1646.62024
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-883.044983
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	75.1309967
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	3.89680004
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	2.78480005
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	6.41709995
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-586.89978
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	74.564003
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.2667
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.68150043
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.00489998
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.05210018
k_PsaAgAn_VehCondMinTi_mS_u32	7867
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1183.90015
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-635.428711
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	206
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4454.86963
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	116
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1197.9939
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.0541
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.89340019
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	500.047394
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	309.2789
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	863.934387
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.08879995
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	370.083313
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1991370881
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-293.684692	-293.684692	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-200.295303	-200.295303	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.86546612	-5.86546659	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	496.862549	496.862518	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-161.016357	-161.016327	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1646.62024	-1646.62024	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-883.044983	-883.044983	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-586.89978	-586.89978	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	74.564003	74.564003	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1264.83264	1264.83264	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	863.934387	863.934387 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.8 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	690.6026
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1345.62439
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.81489992
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-376.316101
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	77.864502
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1319.18213
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-803.826294
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1200.32275
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	83.0179977
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	3.54780006
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	21.2127991
k_PsaAgAn_EpsPrec_HwDeg_f32	10.3255997
k_PsaAgAn_MinPrecFail_HwDeg_f32	210.843201
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1329.22681
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1480.70642
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.995500028
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.726199985
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.124399997
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.07190001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.35599995
k_PsaAgAn_VehCondMinTi_mS_u32	3061
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	730.917786
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-953.044312
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	255
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7505.47852
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	235
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	214.702606
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.89169979
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	922.222107
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1023.95618
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.925599992
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-860.221924
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.72419977
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	234.240601
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2251974866
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	690.6026	690.6026	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1345.62439	1345.62439	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.45216799	-4.45216799	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	42.4624634	42.4624596	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	230.237167	230.237167	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-803.826294	-803.826294	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1200.32275	1200.32275	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1329.22681	-1329.22681	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1480.70642	1480.70642	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-198.24823	-198.24823	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.925599992	0.925599992 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-860.221924	-860.221924 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.9 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-174.0177
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	411.950287
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.182999998
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1350
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	452.177307
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-753.281189
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	43.5873985
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-278.012787
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	4.71220016
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	30
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	6.69010019
k_PsaAgAn_EpsPrec_HwDeg_f32	17.5520992
k_PsaAgAn_MinPrecFail_HwDeg_f32	57.4365997
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-573.653381
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1342.98938
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.751800001
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.5946002
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.07489967
k_PsaAgAn_VehCondMinTi_mS_u32	5261
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-58.3707008
target_Pim_PsaAgArbnLrndOffsData.MinOffset	669.728821
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	21
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2546.02002
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	143
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1284.05933
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	8.58580017
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.49550009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	960.532898
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-85.9297028
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.626900017
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-189.354401
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.99130011
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	98.3623962
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1038703286
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-174.0177	-174.0177	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	411.950287	411.950287	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.48920631	3.48920631	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	956.142822	956.142822	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-9.7208252	-9.72081947	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	43.5873985	43.5873985	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-278.012787	-278.012787	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-573.653381	-573.653381	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1342.98938	-1342.98938	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

TEST DETAILS REPORT

PsaAgArbn_Per1

2018-03-03, 17:22:32+0530

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	160.800095	160.800095 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	117.212692	117.212692	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.626900017	0.626900017 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-189.354401	-189.354401 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 3.10 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1459.69446
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	498.445801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.59350002
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1350
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	712.353882
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1315.08752
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1161.46826
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1359.82544
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	47.3139992
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	14.8210001
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.53679991
k_PsaAgAn_EpsPrec_HwDeg_f32	7.92469978
k_PsaAgAn_MinPrecFail_HwDeg_f32	108.7286
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-315.588287
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	214.716599
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.75830007
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.98029995
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.83860004
k_PsaAgAn_VehCondMinTi_mS_u32	7181
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	822.940918
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1510.28345
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	137
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3196.17456
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	187
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1133.31885
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.643999994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.1553998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1211.9668
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2941.72778
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.168200001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1499.7854
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.37270021
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	184.215698
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1802671146
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1124.75012	-1124.75012	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1141.88757	-1141.88757	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.14673233	-6.14673233	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1207.09912	-1207.099	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	343.378937	343.378937	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1161.46826	-1161.46826	✔

PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1359.82544	-1359.82544	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	822.940918	822.940918	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1510.28345	1510.28345	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	99.1785889	99.1785889 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.168200001	0.168200001 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1499.7854	1499.7854 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.11 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	530.220825	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	935.277771	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.46380043	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1262.69556	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-216.705093	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-795.42041	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1213.65454	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	29.8276005	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	65.2053986	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	17.9356995	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	19.4733009	
k_PsaAgAn_EpsPrec_HwDeg_f32	15.0879002	
k_PsaAgAn_MinPrecFail_HwDeg_f32	273.573486	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	363.172607	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	956.304871	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1	

Name	Input Value
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.801199973
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.5869
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.34870005
k_PsaAgAn_VehCondMinTi_mS_u32	237
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-486.785706
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-859.713928
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	249
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1216.55896
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	99
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-166.217194
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.7635002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.7972002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	505.421295
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-834.556702
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.483200014
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1268.67383
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.7335
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	91.9993973
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2138022177
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	530.220825	530.220825	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	935.277771	935.277771	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.80416679	-4.80416679	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	506.860107	506.860138	✔

TEST DETAILS REPORT

PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-378.344666	-378.344635	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1213.65454	1213.65454	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	29.8276005	29.8276005	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	363.172607	363.172607	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	956.304871	956.304871	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	591.913452	591.913452 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-621.741028	-621.741028	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.483200014	0.483200014 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1268.67383	-1268.67383 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.12 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.25629997
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-674.417419
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	939.021118
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	68.1901016

Name	Input Value
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	26.5265007
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.2961998
k_PsaAgAn_EpsPrec_HwDeg_f32	15.4428997
k_PsaAgAn_MinPrecFail_HwDeg_f32	44.0638008
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	476.084015
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1591.73352
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.5474
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	1497
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.91455
target_Pim_PsaAgArbnLrndOffsData.MinOffset	377.772797
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7434.5957
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	149
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1438.44604
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.64780045
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.900900006
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-543.972717
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	575.169373
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0966999978
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1540.26025
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.71500003
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	224.617203
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4141706336
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699	191.881699	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213	339.556213	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.00062895	2.00062871	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-323.446198	-323.446198	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-204.408386	-204.408371	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016	-1190.04016	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521	-942.6521	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	476.084015	476.084015	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1591.73352	1591.73352	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1066.34619	1066.34619	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0966999978	0.0966999978 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1540.26025	1540.26025 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.13 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	860.176392	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	658.792786	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.42079997	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.342799991	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-254.345795	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.342799991	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-747.451416	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.342799991	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-489.194397	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	

Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-407.68869
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	759.820374
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	8.00930023
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	22.5112991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	10.7420998
k_PsaAgAn_EpsPrec_HwDeg_f32	15.7812004
k_PsaAgAn_MinPrecFail_HwDeg_f32	281.955902
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1037.57996
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	971.92981
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.361000001
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.497000009
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.925499976
k_PsaAgAn_VehCondMinTi_mS_u32	5804
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-598.912476
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1502.75696
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	16
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7618.71143
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	114
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-792.260071
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.8915997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.06570005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-419.41391
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1699.56189
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1000.52319
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.71679974
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	226.857605
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2183116571
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	860.176392	860.176392	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	658.792786	658.792786	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.88282788	1.88282776	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-310.931152	-310.931152	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-467.657654	-467.657654	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-407.68869	-407.68869	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	759.820374	759.820374	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1037.57996	1037.57996	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	971.92981	971.92981	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-176.065857	-176.065857	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1000.52319	-1000.52319 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.14 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-39.1184998
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-101.313499
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.10360003

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	800.179688
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-116.015099
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	418.812286
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1585.71741
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1556.44324
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	85.9821014
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	21.5981007
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	5.22310019
k_PsaAgAn_EpsPrec_HwDeg_f32	19.7434006
k_PsaAgAn_MinPrecFail_HwDeg_f32	387.878113
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1480.96436
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-398.293304
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.859300017
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.646499991
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-1.81309998
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.1401999
k_PsaAgAn_VehCondMinTi_mS_u32	496
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	803.498779
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1339.41968
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	205
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2444.87476
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	176
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1238.55505
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.5953007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.54390001
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-669.283508
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2131.89038
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1567.70898
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.45660019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	139.854996
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4068882869
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-39.1184998	-39.1184998	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-101.313499	-101.313499	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.53736305	5.53736353	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	800.179688	800.179688	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-116.015099	-116.015099	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1585.71741	-1585.71741	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1556.44324	1556.44324	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1480.96436	1480.96436	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-398.293304	-398.293304	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	14.637085	14.637085	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1567.70898	1567.70898 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 3.15 (Repeat Count = 1)	✓
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1178.18518
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1468.76135
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.8355999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1203.47424
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998132586
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	207.1185
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	283.648987
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1142.77075
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1621.20605
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	28.5224991
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	30
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	11.6367998
k_PsaAgAn_EpsPrec_HwDeg_f32	7.36350012
k_PsaAgAn_MinPrecFail_HwDeg_f32	210.253403
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-564.493713
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1434.84119
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.952799976
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.51550007
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.131500006
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	5.04460001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.63399982
k_PsaAgAn_VehCondMinTi_mS_u32	7958
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	688.740601
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-117.4851
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	209
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2342.70923
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	236
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	115.257301
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.8037004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.69280005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-459.907593
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2335.97803
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	22.5536995
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.96070004
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	353.706512
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1159001297
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1178.18518	1178.18518	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1468.76135	1468.76135	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.69117117	-7.69117117	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-456.801392	-456.801361	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-63.1024475	-63.1024628	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1142.77075	1142.77075	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1621.20605	-1621.20605	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-564.493713	-564.493713	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1434.84119	1434.84119	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1381.9884	1381.9884 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	239.217651	239.217651	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	22.5536995	22.5536995 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.16 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	26.1145
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	733.503479
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.87370014
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1249.7384
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-65.6159973
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-759.24353
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1127.69495
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	42.8771019
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	65.2751007
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	23.2346992
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	20.8887997
k_PsaAgAn_EpsPrec_HwDeg_f32	2.67090011
k_PsaAgAn_MinPrecFail_HwDeg_f32	40.8894997
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	789.856995
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1640.64514
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.0186999999
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-1.50530005
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	7830
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1621.47705
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-954.062073
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1

Name	Input Value
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	66
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6790.99023
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	2
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1511.97485
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.42899999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1039.10107
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3190.22461
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	542.408936	542.408936	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.989199996	0.989199996 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	383.832794	383.832794 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.17 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1398.95166
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	829.523926
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.70489979
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.109499998
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-393.89679
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.109499998
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-890
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.109499998
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	804.018799
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1586.18396
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1385.05249
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	80.6458969
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	0.940299988
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	6.46630001
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	495.132507
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1625.68835
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	104.125298
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.0854000002
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.99100018
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.443699986
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.299800009
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.16699982
k_PsaAgAn_VehCondMinTi_mS_u32	824
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1451.64819
target_Pim_PsaAgArbnLrndOffsData.MinOffset	525.362671
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	231
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1563.10938
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	76
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	309.54599
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	20.8458996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.2665
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-554.646606
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2642.63721
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.503400028
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1519.24365
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.46560001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	161.472
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3192542566
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	14.4106731	14.4106731	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-67.2811279	-67.2811279	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.83203173	-5.83203173	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-411.498901	-411.498901	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-770.633301	-770.633301	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1586.18396	-1586.18396	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1385.05249	1385.05249	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1625.68835	1625.68835	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	104.125298	104.125298	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	100.565674	100.565674	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.503400028	0.503400028 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1519.24365	1519.24365 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.18 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	850.830505	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	707.619873	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.44079971	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.898299992	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1126.91492	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.898299992	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	890	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.898299992	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1023.83459	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	593.323914	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1183.58325	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	1.39769995	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	2.40070009	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.2954998	
k_PsaAgAn_EpsPrec_HwDeg_f32	8.53339958	
k_PsaAgAn_MinPrecFail_HwDeg_f32	264.637787	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-672.893005	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	

Name	Input Value
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1149.69226
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.0799999982
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.19070005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.54139996
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.53070021
k_PsaAgAn_VehCondMinTi_mS_u32	5888
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	715.519287
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-253.520905
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	193
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1755.67676
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	251
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1173.90186
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.83300018
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	74.6992035
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1801.09875
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	858.204712
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.50559998
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	319.136902
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1886408088
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	850.830505	850.830505	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	707.619873	707.619873	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.1999135	6.1999135	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	181.709534	181.709549	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	93.8624268	93.8624268	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	593.323914	593.323914	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1183.58325	-1183.58325	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-672.893005	-672.893005	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1149.69226	1149.69226	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	888.453613	888.453613 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	295.129639	295.129639	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	858.204712	858.204712 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.19 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1648.21484	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1075.44727	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.0194	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.128000006	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-988.571594	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.128000006	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	425.786804	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.128000006	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1376.86243	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-596.825989	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	299.254608	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	

Name	Input Value
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	7.30009985
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	6.35050011
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	11.4349003
k_PsaAgAn_EpsPrec_HwDeg_f32	19.2600994
k_PsaAgAn_MinPrecFail_HwDeg_f32	158.3564
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1187.42615
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	796.918518
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.450899988
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.55430031
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.26979995
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.86759996
k_PsaAgAn_VehCondMinTi_mS_u32	2929
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-40.5950012
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-794.483398
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	202
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	820.764221
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	186
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	409.333191
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.7277
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.16629982
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-330.459015
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	215.085403
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1593.07166
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.72310019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	506.485992
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2361819606
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1648.21484	-1648.21484	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1075.44727	-1075.44727	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.355630398	0.355630398	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-904.333191	-904.333191	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	377.96936	377.96936	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-596.825989	-596.825989	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	299.254608	299.254608	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1187.42615	1187.42615	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	796.918518	796.918518	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	148.785675	148.785675	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1593.07166	-1593.07166 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.20 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-656.346375
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-355.318604
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.11630011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	983.786377
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-41.4518013

Name	Input Value
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	480.709106
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1546.11206
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	78.8690033
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	6.32089996
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	22.1982994
k_PsaAgAn_EpsPrec_HwDeg_f32	16.4305
k_PsaAgAn_MinPrecFail_HwDeg_f32	83.6843033
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	425.805115
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-828.228882
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.720300019
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.63719988
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0930000022
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.4533
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.88549995
k_PsaAgAn_VehCondMinTi_mS_u32	1982
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1017.06677
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1279.28894
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	24
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3431.44629
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	202
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-19.1091003
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.8205996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.91790009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-356.184998
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1342.47986
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1258.37427
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.42070007
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	363.40741
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	913992808
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	45.0153847	45.0153847	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-17.4868126	-17.4868126	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.90073538	2.9007349	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-353.639038	-353.639038	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-659.957947	-659.957947	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	480.709106	480.709106	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1546.11206	1546.11206	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	425.805115	425.805115	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-828.228882	-828.228882	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1013.41058	-1013.41058	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1258.37427	1258.37427 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.21 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1264.18201	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1627.09119	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	

Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.31759977
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.464300007
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1345.92664
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.464300007
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-875.089783
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.464300007
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	517.5979
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1180.17261
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1120.86865
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	15.0839005
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	15.5125999
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8.17619991
k_PsaAgAn_EpsPrec_HwDeg_f32	3.8053
k_PsaAgAn_MinPrecFail_HwDeg_f32	329.686493
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1040.5293
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1548.31799
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.68009996
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.4216001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	3672
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-838.179077
target_Pim_PsaAgArbnLrndOffsData.MinOffset	315.611115
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	96
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-21.3705997
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	169
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1142.6167
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.1767006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.84389997
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-775.717773
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2749.57983
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1191.12695
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.0783
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	15.7368002
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	649398399
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1169.59875	1169.59875	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1115.63464	1115.63464	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.70476103	3.70476103	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1081.17871	-1081.17871	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-503.495117	-503.495117	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1180.17261	1180.17261	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1120.86865	1120.86865	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1040.5293	-1040.5293	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1548.31799	-1548.31799	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	29.6519775	29.6519775 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1150.52063	-1150.52063	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1191.12695	-1191.12695 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.22 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1576.17163
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-495.381714
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.68690014
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	869.848816
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	665.358398
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1571.81494
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	162.711105
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	496.163391
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	97.4243011
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	12.9413004
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	9.00059986
k_PsaAgAn_EpsPrec_HwDeg_f32	9.21080017
k_PsaAgAn_MinPrecFail_HwDeg_f32	496.409393
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-713.3703
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1233.35608
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.0776999965
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	4.23920012
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.247899994
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.0855
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.91849995
k_PsaAgAn_VehCondMinTi_mS_u32	3929
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-13.0608997
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1338.67651
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	162
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6059.20459
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	12
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1360.3197
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.32870007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.21799994
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1128.95105
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1654.66626
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.310499996
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	446.803711
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.7486999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	413.46759
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3091062028

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1576.17163	-1576.17163	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-495.381714	-495.381714	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.19347954	6.19348049	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1128.45874	1128.45874	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	665.358398	665.358398	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	162.711105	162.711105	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	496.163391	496.163391	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-713.3703	-713.3703	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1233.35608	1233.35608	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-329.437256	-329.437256	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.310499996	0.310499996 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	446.803711	446.803711 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.23 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	165.433899
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-270.454987
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.44999981
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0278999992
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	636.544373
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0278999992
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	756.21759
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998132586
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1020.99701
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-16.9468002
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-592.268188
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	46.1977005
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	5.70569992
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	27.5655994
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	381.989899
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-606.001587
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-788.324097
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.581099987
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.81110001
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.323199987
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.01200008
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.51159954
k_PsaAgAn_VehCondMinTi_mS_u32	1551
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	68.5074005
target_Pim_PsaAgArbnLrndOffsData.MinOffset	743.307922
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	124
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5677.33203
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	82
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1367.45435
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	22.8367004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.42339993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1290.07971
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2744.58569
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	460.918488
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.05710006
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	356.118896
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	328505181
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-751.791016	-751.791016	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-837.464355	-837.464355	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.47715759	-5.47715759	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	582.791565	582.791565	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-53.7435913	-53.7436295	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-16.9468002	-16.9468002	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-592.268188	-592.268188	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	68.5074005	68.5074005	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	743.307922	743.307922	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	287.660706	287.660706 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	304.607483	304.607483	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	460.918488	460.918488 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.24 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	389.222809	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1669.16943	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.35230017	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.5176	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1344.20447	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.5176	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	409.455994	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.32249999	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1583.10901	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-721.597229	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	363.148285	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	6.24350023	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	16.0732994	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	30	
k_PsaAgAn_EpsPrec_HwDeg_f32	6.08939981	
k_PsaAgAn_MinPrecFail_HwDeg_f32	288.188507	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1045.58252	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1306.99756	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.41060019	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.396800011	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10	
k_PsaAgAn_VehCondMinTi_mS_u32	374	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1251.58252
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1258.50854
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	63
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8751.02344
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	228
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-13.8245001
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	7.54580021
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.75370002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-710.477905
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2815.64844
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-160.708405
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.9776001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	32.6335983
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1820923986
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	389.222809	389.222809	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1669.16943	-1669.16943	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.9720645	-4.9720645	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	280.700928	280.700867	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	260.455261	260.455231	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-721.597229	-721.597229	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	363.148285	363.148285	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1045.58252	-1045.58252	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1306.99756	-1306.99756	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	179.224457	179.224457	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-160.708405	-160.708405 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.25 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1600.63098	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	955.61908	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.57420015	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-643.530579	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	856.211121	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	122.217499	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1577.31812	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	165.316193	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	25.7583008	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	1.55089998	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	5.02829981	
k_PsaAgAn_EpsPrec_HwDeg_f32	14.8591003	
k_PsaAgAn_MinPrecFail_HwDeg_f32	221.210403	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1255.39697	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-363.773285	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.756699979	

Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.34259987		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.38800001		
k_PsaAgAn_VehCondMinTi_mS_u32	8215		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1527.91541		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	110		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8895.21875		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	238		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-174.930099		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.34429979		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.56210005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-142.124207		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2554.30249		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.584299982		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-759.292603		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.53480005		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	409.683197		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	575632930		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	151.572998	151.572998	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	113.166199	113.166199	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.56782293	-1.56782305	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-143.076874	-143.076889	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	39.5264282	39.5264091	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	151.572998	151.572998	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	113.166199	113.166199	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	151.572998	151.572998	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	113.166199	113.166199	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	19.2033997	19.2033997 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.584299982	0.584299982 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-759.292603	-759.292603 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.26 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	279.895691
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	186.878998
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.6832
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0714000016
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	153.163498
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0714000016
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-689.640686
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0714000016
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-78.6998978
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	288.603485
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1129.74146
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	12.0075998

Name	Input Value
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	16.6896
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	20.0564003
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	433.978485
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-406.689606
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-725.245117
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.291099995
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.23659992
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.71070004
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	3642
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679
target_Pim_PsaAgArbnLrndOffsData.MinOffset	785.85083
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	44
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3762.15186
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	194
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	790.649902
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.2961998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.05190003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1191.27502
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1626.73364
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1376.20764
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.932699978
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	130.753296
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1331302395
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	279.895691	279.895691	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	186.878998	186.878998	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.63812518	-1.63812518	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	227.284668	227.284668	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-639.675781	-639.675781	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	288.603485	288.603485	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1129.74146	-1129.74146	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-406.689606	-406.689606	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-725.245117	-725.245117	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	709.172485	709.172485 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	420.56897	420.56897	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1376.20764	-1376.20764 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.27 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	668.793274
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1352.86206
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.43319988
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1179.12427
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-162.617798
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	211.765305
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-243.251099
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1588.20093
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	87.6287003
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	23.6219997
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	28.3118992
k_PsaAgAn_EpsPrec_HwDeg_f32	7.62629986
k_PsaAgAn_MinPrecFail_HwDeg_f32	355.109894
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1243.32703
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1142.13049
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.259299994
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.38899994
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.130099997
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.47179985
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.76570034
k_PsaAgAn_VehCondMinTi_mS_u32	4886
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1138.38892
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1273.30115
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	4
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3578.81128
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	225
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1134.80725
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.0235996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1289.11572
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2734.23706
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1290.27173
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.82919979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	170.886597
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	345465080
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1138.38892	1138.38892	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1273.30115	-1273.30115	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.96877766	9.9687767	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1288.90674	-1288.90674	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-675.087097	-675.087097	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1138.38892	1138.38892	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1273.30115	-1273.30115	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1138.38892	1138.38892	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1273.30115	-1273.30115	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1205.84497	1205.84497 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1562.54382	-1562.54382	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1290.27173	-1290.27173 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.28 (Repeat Count = 1)	✔
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	114.698196
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	920.38147
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.82679999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.864400029

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	658.63739
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.864400029
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	855.661316
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.864400029
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	73.4181976
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-316.217712
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	695.856323
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	51.4085999
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	6.59189987
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	27.5881004
k_PsaAgAn_EpsPrec_HwDeg_f32	12.6645002
k_PsaAgAn_MinPrecFail_HwDeg_f32	134.5961
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-625.930908
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1140.56445
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.828599989
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.71680021
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.71759987
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.0770998
k_PsaAgAn_VehCondMinTi_mS_u32	5450
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-427.421814
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8610.85547
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	97
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-856.419373
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.217
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-601.927307
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1795.80042
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1255.2146
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.15170002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	232.455505
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2546663609
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-682.747559	-682.747559	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-736.51062	-736.51062	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	8.39628601	8.39628601	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-430.994812	-430.994781	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	29.0552368	29.0552368	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-316.217712	-316.217712	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	695.856323	695.856323	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-625.930908	-625.930908	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1140.56445	-1140.56445	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-189.819305	-189.819305	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1255.2146	-1255.2146 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.29 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	318.293091
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	12.0402002
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.36979961
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.752900004
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-559.928101
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.752900004
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	67.8212967
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.752900004
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1099.24792
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1524.16016
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	561.308289
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	6.88899994
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	28.9433002
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	25.4435997
k_PsaAgAn_EpsPrec_HwDeg_f32	15.6058998
k_PsaAgAn_MinPrecFail_HwDeg_f32	6.93429995
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-271.720093
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1101.71228
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.19080019
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.166199997
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.01819992
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.07540011
k_PsaAgAn_VehCondMinTi_mS_u32	245
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-679.068909
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-266.502594
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	176
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1627.14795
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	60
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1267.71216
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.1352005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.75390005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-126.853798
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1017.50342
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-38.2933006
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.02190018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	493.842499
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1409966005
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-679.068909	-679.068909	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-266.502594	-266.502594	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.89448881	5.89448881	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-233.866455	-233.866455	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-5.7093811	-5.70937777	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1627.14795	-1627.14795	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-679.068909	-679.068909	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-266.502594	-266.502594	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-679.068909	-679.068909	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-266.502594	-266.502594	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1154.36218	-1154.36218	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-38.2933006	-38.2933006 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1627.14795	-1627.14795 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.30 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-751.299316
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1065.42554
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.53600001
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.325899988
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1025.21265
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.325899988
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-86.860199
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.325899988
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1174.44006
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	171.275299
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	371.997192
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	43.7374992
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	7.41839981
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	27.3873005
k_PsaAgAn_EpsPrec_HwDeg_f32	3.80159998
k_PsaAgAn_MinPrecFail_HwDeg_f32	221.217499
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-899.101379
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-314.758392
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.0524000004
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.95879996
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-2.87299991
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.09579992
k_PsaAgAn_VehCondMinTi_mS_u32	8277
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	537.732788
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	14

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-544.315674
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	201
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	533.40033
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	6.01100016
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.53079987
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	797.947388
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2304.81152
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1453.39771
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.51070023
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	3.40039992
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	608703493
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	37.7627792	37.7627792	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	18.1375771	18.1375771	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.396569967	-0.396569937	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	951.146912	951.146912	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-168.390533	-168.390549	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	171.275299	171.275299	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	371.997192	371.997192	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-899.101379	-899.101379	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-314.758392	-314.758392	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-271.63623	-271.63623	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1453.39771	-1453.39771 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
	Count	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsis				

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-618.866028
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	168
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2231.71509
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	56
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	292.775299
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	10.1169996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.38010001
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1092.33374
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3111.03198
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.679400027
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-113.875
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1085
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	305.570313
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3561923469
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-618.866028	-618.866028	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.37039757	3.37039804	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1088.80103	-1088.80103	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-464.8349	-464.8349	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-618.866028	-618.866028	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-618.866028	-618.866028	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.679400027	0.679400027 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-113.875	-113.875 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.32 (Repeat Count = 1)		✔
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-318.708008	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1218.52625	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.11349964	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	510.059998	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	82.1520004	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1544.0498	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	875.944397	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-5.78649998	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	64.1751022	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	18.7096996	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	18.2005997	
k_PsaAgAn_EpsPrec_HwDeg_f32	3.77509999	
k_PsaAgAn_MinPrecFail_HwDeg_f32	228.883408	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	185.879898	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-514.88031	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1	

Name	Input Value
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.9131999
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.479299992
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	5.93529987
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.94649982
k_PsaAgAn_VehCondMinTi_mS_u32	7712
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1088.82129
target_Pim_PsaAgArbnLrndOffsData.MinOffset	580.156189
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	242
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3118.49536
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	90
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	804.26947
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.7235003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.3355999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-268.420502
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	116.743599
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.690299988
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-416.633911
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.36539984
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	186.529404
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2676322286
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-318.708008	-318.708008	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1218.52625	-1218.52625	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.34657812	-2.34657812	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-266.941345	-266.941376	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	405.54895	405.54895	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	875.944397	875.944397	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-5.78649998	-5.78649998	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	185.879898	185.879898	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-514.88031	-514.88031	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	440.865448	440.865448 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-435.078949	-435.078949	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.690299988	0.690299988 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-416.633911	-416.633911 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.33 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1605.78235
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1677.14746
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.48909998
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.863600016
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	652.405823
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.863600016
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	588.504028
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.863600016
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1540.29199
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	797.620483
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	640.232422
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	15.2937002

Name	Input Value
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	0.377700001
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.2798004
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	154.741394
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-915.303101
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1204.40405
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.793200016
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.68149996
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.171900004
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.90759993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.53820038
k_PsaAgAn_VehCondMinTi_mS_u32	1384
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1050.95959
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	59
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	934.842773
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	151
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-302.883606
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.755699992
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.19770002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-522.682617
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2545.06909
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.628499985
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1147.90259
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.56070006
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	197.245895
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2155681299
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1050.95959	1050.95959	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.10104704	2.10104704	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-362.400513	-362.400574	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	61.5567017	61.5567093	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	934.842773	934.842773	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1050.95959	1050.95959	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1050.95959	1050.95959	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	525.479797	525.479797 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	409.362976	409.362976	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.628499985	0.628499985 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1147.90259	1147.90259 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	934.842773	934.842773 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.34 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1414.70569	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	993.776978	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.953499973	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.00410000002	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	272.729401	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.00410000002	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-430.063385	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.00410000002	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-83.1144028	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	

Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	411.278015
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	630.95282
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	3.41120005
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	15.5016003
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8.6079998
k_PsaAgAn_EpsPrec_HwDeg_f32	17.6923008
k_PsaAgAn_MinPrecFail_HwDeg_f32	114.038597
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-145.150208
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1211.13647
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.193399996
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.99699998
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.33109999
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.24410009
k_PsaAgAn_VehCondMinTi_mS_u32	3592
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1450.19995
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1081.08264
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	155
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6544.35254
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	38
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-912.975525
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	11.2289
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.12610006
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	846.608887
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.85095
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	687.451294
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.28189993
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	276.315094
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1678956665
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-147.648254	-147.648254	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-205.490662	-205.490662	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.966507614	0.966507614	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	275.082306	275.082306	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-428.38504	-428.38504	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-147.648254	-147.648254	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-205.490662	-205.490662	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-147.648254	-147.648254	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-205.490662	-205.490662	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	28.9212036	28.9212036 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1453.43042	-1453.43054	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	687.451294	687.451294 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.35 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-252.089905	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	844.868225	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.77519989	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.7051	

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1236.77246
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.7051
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-690.365784
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.7051
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1110.91833
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	151.087296
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	343.384705
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	83.3884964
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	25.8083
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	10.2386999
k_PsaAgAn_EpsPrec_HwDeg_f32	3.4526
k_PsaAgAn_MinPrecFail_HwDeg_f32	117.471397
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	735.89209
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	602.744873
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.0967999995
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.5019002
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.24589992
k_PsaAgAn_VehCondMinTi_mS_u32	1661
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1391.95764
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-355.952606
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	185
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4477.66064
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	21
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1094.64087
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.7245998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.30620003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	152.406693
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1190.57239
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.823700011
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-427.4823
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.21799994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	441.451294
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2987115430
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1391.95764	1391.95764	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-355.952606	-355.952606	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.73940802	-2.73940802	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	472.186218	472.186157	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	42.791748	42.7917442	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1391.95764	1391.95764	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-355.952606	-355.952606	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1391.95764	1391.95764	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-355.952606	-355.952606	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	873.955139	873.955139 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.823700011	0.823700011 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-427.4823	-427.4823 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.36 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	833.285583
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1289.97095
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.57099998
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.112800002
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-404.952606
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.112800002
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	317.541107
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.112800002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-103.249298
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	319.622101
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-453.918915
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	4.21700001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	19.6651993
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	6.5630002
k_PsaAgAn_EpsPrec_HwDeg_f32	7.84639978
k_PsaAgAn_MinPrecFail_HwDeg_f32	181.387299
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1614.67554
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-216.185593
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.105700001
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.69589996
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.1947999
k_PsaAgAn_VehCondMinTi_mS_u32	246
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-502.087402
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1017.52319
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	210
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8667.25879
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	39
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	42.7070007
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	7.61709976
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	7.11990023
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	603.433777
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	889.973816
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-997.380981
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.79710007
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	115.011398
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2715227330
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-502.087402	-502.087402	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1017.52319	1017.52319	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.296533585	0.296533585	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-291.206635	-291.206635	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	286.710175	286.710175	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-502.087402	-502.087402	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1017.52319	1017.52319	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-502.087402	-502.087402	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1017.52319	1017.52319	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1372.2821	1372.2821	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-997.380981	-997.380981 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.37 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-83.7328033
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	942.702393
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.9598999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-72.1302032
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-514.665283
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	451.40921
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-806.701782
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	485.767303
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	78.2001038
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	8.32619953
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	19.7528992
k_PsaAgAn_EpsPrec_HwDeg_f32	8.5781002
k_PsaAgAn_MinPrecFail_HwDeg_f32	111.434097
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1528.83838
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-114.015297
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.79990005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.7184
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.54799986
k_PsaAgAn_VehCondMinTi_mS_u32	5490
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1127.57434
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-36.5721016
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	153
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4001.42236
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	72
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1125.95056
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.4260998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.89110005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-75.2217026
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-185.623398
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1347.89893
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.43919992
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	43.4247017
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2518460323
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1127.57434	-1127.57434	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-36.5721016	-36.5721016	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.86858273	1.86858296	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-75.2158279	-75.2158279	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-189.473633	-189.473633	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1127.57434	-1127.57434	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-36.5721016	-36.5721016	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1127.57434	-1127.57434	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-36.5721016	-36.5721016	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1047.92676	-1047.92676	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1347.89893	-1347.89893 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.38 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1435.11548
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	149.980103
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.62210011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.236900002
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1044.53406
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.236900002
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	517.132019
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.236900002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-735.875916
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-609.381409
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1056.36829
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	90.5953979
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	28.9603996
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	18.2579002
k_PsaAgAn_EpsPrec_HwDeg_f32	15.8308001
k_PsaAgAn_MinPrecFail_HwDeg_f32	425.597504
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	426.809814
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	555.149902
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.9921999
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.57599998
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.70100021
k_PsaAgAn_VehCondMinTi_mS_u32	8641
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1310.73206
target_Pim_PsaAgArbnLrndOffsData.MinOffset	410.050415
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	194

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3068.20264
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	16
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1444.33203
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.664600015
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-906.59491
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3145.48145
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-717.765991
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.645699978
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	434.903595
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	464912371
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1310.73206	1310.73206	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	410.050415	410.050415	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.368075371	0.36807543	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	582.311646	582.311584	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	383.134399	383.134399	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1310.73206	1310.73206	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	410.050415	410.050415	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1310.73206	1310.73206	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	410.050415	410.050415	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	450.34082	450.34082 ± 1e-05	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	769.608765	769.608765	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-717.765991	-717.765991 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.39 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	895.046021
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	608.254028
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.87019992
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0151000004
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	707.995483
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0151000004
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-701.87262
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0151000004
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	376.845886
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1144.15198
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1488.27356
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	19.1261005
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	5.26870012
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	22.8318005
k_PsaAgAn_EpsPrec_HwDeg_f32	1.16709995
k_PsaAgAn_MinPrecFail_HwDeg_f32	266.133698
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	306.699188
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	449.187897
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.21499991
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.489100009
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-1.602
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.16699982
k_PsaAgAn_VehCondMinTi_mS_u32	6920
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	29.6809998
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1217.29651
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	190
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7587.14502
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	164
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	994.539185
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.5771999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-9.23880005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-783.268677
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2760.08496
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0239000004
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-743.715027
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.44269991
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	490.310791
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3612163573
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	895.046021	895.046021	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	608.254028	608.254028	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.96636581	-2.96636581	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	685.477417	685.477417	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-692.696899	-692.696899	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1144.15198	-1144.15198	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1488.27356	1488.27356	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	306.699188	306.699188	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	449.187897	449.187897	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-172.060791	-172.060791	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0239000004	0.0239000004 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-743.715027	-743.715027 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.40 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-350.080109
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-676.444214
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.68630004
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.659500003
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-952.443604
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.659500003
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	849.300415
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.659500003
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	921.268799
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1627.67847
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-392.443298
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	30.1343002
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	29.5240993
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	6.90579987
k_PsaAgAn_EpsPrec_HwDeg_f32	1.56239998
k_PsaAgAn_MinPrecFail_HwDeg_f32	117.632896
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	11.5913
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	730.785889
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.2095

Name	Input Value
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.873000026
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.30609989
k_PsaAgAn_VehCondMinTi_mS_u32	5764
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1309.88342
target_Pim_PsaAgArbnLrndOffsData.MinOffset	473.261597
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	151
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3414.82202
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	209
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-191.199493
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.08019996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.0529000014
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1063.57056
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2293.30737
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.603200018
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1543.22058
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.68480015
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	58.5579987
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4184344357
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-350.080109	-350.080109	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-676.444214	-676.444214	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.29007268	1.29007268	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	377.117798	377.117737	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	402.198944	402.198944	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1627.67847	1627.67847	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-392.443298	-392.443298	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	11.5913	11.5913	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	730.785889	730.785889	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1010.06091	1010.06091 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-617.617615	-617.617615	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.603200018	0.603200018 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1543.22058	1543.22058 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_				

Name	Input Value
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	5.10909986
k_PsaAgAn_EpsPrec_HwDeg_f32	9.10149956
k_PsaAgAn_MinPrecFail_HwDeg_f32	283.249207
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	134.046402
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-215.081497
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.344199985
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.04990005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.33990002
k_PsaAgAn_VehCondMinTi_mS_u32	7564
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-281.672302
target_Pim_PsaAgArbnLrndOffsData.MinOffset	133.201401
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	17
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5472.56299
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	127
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	984.555176
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.4738007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.93720007
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	858.286072
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	719.237488
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0511000007
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-141.164307
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.83050013
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	70.410202
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4076138840
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	577.476196	577.476196	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1144.06116	-1144.06116	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.9086113	6.90861082	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	857.750366	857.750305	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	160.049805	160.04982	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1030.755	-1030.755	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	134.046402	134.046402	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.081497	-215.081497	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1354.87744	1354.87744	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0511000007	0.0511000007 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-141.164307	-141.164307 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.42 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	652.310425
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-21.9503994
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.70280004
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	46.4775009
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-239.570801
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1162.86877
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL

Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-554.21991
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	95.1886978
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	15.2601995
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.7856998
k_PsaAgAn_EpsPrec_HwDeg_f32	11.4972
k_PsaAgAn_MinPrecFail_HwDeg_f32	93.7461014
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	165.849503
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	196.553406
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.400599986
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.61980009
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.838999987
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.69810009
k_PsaAgAn_VehCondMinTi_mS_u32	9045
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-232.059296
target_Pim_PsaAgArbnLrndOffsData.MinOffset	237.901001
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	64
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-727.232727
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	2
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1308.88684
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.7105007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.69339991
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	830.377014
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-511.436096
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.524699986
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1214.33765
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.996699989
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	397.072205
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	334478402
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	652.310425	652.310425	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-21.9503994	-21.9503994	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.68581772	6.68581772	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	828.887573	828.887573	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	100.9198	100.9198	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-554.21991	-554.21991	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-232.059296	-232.059296	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	237.901001	237.901001	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1116.60999	1116.60999 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-562.390076	-562.390076	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.524699986	0.524699986 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1214.33765	-1214.33765 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.43 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	2.65149999
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	957.214417
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.18459988
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-927.292175

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	320.917603
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-583.316772
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1485.9718
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-213.889496
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	85.8393021
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	10.1393995
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	10.2089996
k_PsaAgAn_EpsPrec_HwDeg_f32	6.70809984
k_PsaAgAn_MinPrecFail_HwDeg_f32	335.156006
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1182.24792
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	991.112915
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.2042
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.326599985
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.5381
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	8338
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1089.01709
target_Pim_PsaAgArbnLrndOffsData.MinOffset	558.030212
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	206
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9341.3623
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	69
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	35.6609001
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.37249994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.86509991
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-24.4206009
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-164.0784
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1422.64636
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	90.4300995
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	585280182
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	2.65149999	2.65149999	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	957.214417	957.214417	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.86190701	-7.86190701	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-26.1360474	-26.1360722	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	746.710205	746.710205	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1485.9718	1485.9718	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-213.889496	-213.889496	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1182.24792	1182.24792	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	991.112915	991.112915	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	849.930664	849.930664 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-636.041138	-636.041138	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1422.64636	-1422.64636 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.44 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1122.19226
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1658.90393
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.30289984
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	372.974304
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-302.971985
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1557.43115
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	534.842712
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	13.5150003
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	7.35099983
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	1.64189994
k_PsaAgAn_EpsPrec_HwDeg_f32	12.5686998
k_PsaAgAn_MinPrecFail_HwDeg_f32	310.412109
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1305.69214
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1546.35425
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.854600012
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.9059999
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.100400001
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.1651001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.24000001
k_PsaAgAn_VehCondMinTi_mS_u32	6122
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-147.622803
target_Pim_PsaAgArbnLrndOffsData.MinOffset	329.6987
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	5
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4379.1084
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	202
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1453.70984
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.3948994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.86749983
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	459.984589
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2026.77563
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.625400007
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1283.20361
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.34140015
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	366.325195
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1506587782
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1122.19226	-1122.19226	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1658.90393	-1658.90393	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.8405757	6.8405757	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	459.819275	459.819275	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	118.798645	118.79863	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	534.842712	534.842712	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1305.69214	1305.69214	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1546.35425	1546.35425	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-267.421356	-267.421356	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.625400007	0.625400007 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1283.20361	1283.20361 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.45 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1246.40356
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1066.33215
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.19260001
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.44600001
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	22.3701992
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.44600001
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-278.752808
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.44600001
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	413.413605
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-186.902603
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	807.332886
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	50.3549004
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	21.7313995
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.0467999
k_PsaAgAn_EpsPrec_HwDeg_f32	3.44499993
k_PsaAgAn_MinPrecFail_HwDeg_f32	133.623901
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1234.74622
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	930.9328
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.132799998
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.01290011
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.73629999
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.72249985
k_PsaAgAn_VehCondMinTi_mS_u32	5153
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	469.688507
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1043.93689
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	41
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6669.59814
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	61
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1561.22815
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	22.9274998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.93599999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1026.41919
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-242.3797
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.889100015
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1273.42944
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.42250013
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	414.733612
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1988336909
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	233.703598	233.703598	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	180.958603	180.958603	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.07815635	1.07815635	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	470.176086	470.176056	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-54.6898193	-54.6898232	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-186.902603	-186.902603	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	807.332886	807.332886	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	233.703598	233.703598	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	180.958603	180.958603	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-310.215149	-310.215149	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.889100015	0.889100015 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1273.42944	-1273.42944 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.46 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	854.974487	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	402.164398	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.757399976	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.709999979	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1239.89697	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.709999979	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	59.4147987	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.709999979	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-779.525391	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	400.25351	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	23.9843006	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	12.8577995	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.2835999	
k_PsaAgAn_EpsPrec_HwDeg_f32	14.6288996	
k_PsaAgAn_MinPrecFail_HwDeg_f32	383.735596	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	930.44873	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	256.102112	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.372099996	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.32350016	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0617999993	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.79100037	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.74720001	
k_PsaAgAn_VehCondMinTi_mS_u32	2781	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	84.026001
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1236.9519
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	20
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5831.88232
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	14
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	55.6556015
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.65560007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	7.61910009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	527.101929
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2856.30347
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-883.343506
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.78540039
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	297.227112
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	205059136
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	854.974487	854.974487	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	402.164398	402.164398	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.1899147	5.1899147	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	733.8125	733.8125	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	172.245148	172.245148	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	400.25351	400.25351	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	930.44873	930.44873	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	256.102112	256.102112	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1039.62671	1039.62671 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	639.373291	639.373291	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-883.343506	-883.343506 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.47 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	946.990112	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	591.929321	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.09519994	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-353.665009	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	426.919891	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-649.797119	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1185.05835	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	19.3987007	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7380009	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.53130007	
k_PsaAgAn_EpsPrec_HwDeg_f32	2.07590008	
k_PsaAgAn_MinPrecFail_HwDeg_f32	67.0968018	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-323.463989	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1236.44226	

Name	Input Value		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.810699999		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.136500001		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.94740009		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.81899977		
k_PsaAgAn_VehCondMinTi_mS_u32	110		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-314.935211		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-835.223572		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	62		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6346.38037		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	144		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-729.294495		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.1187		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.84139991		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	957.281799		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2686.28906		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.855799973		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1180.02588		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.88409996		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	278.590302		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	613877221		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-314.935211	-314.935211	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-835.223572	-835.223572	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.83202028	3.83202028	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	954.790894	954.790955	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-31.8344116	-31.8343906	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-314.935211	-314.935211	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-835.223572	-835.223572	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-314.935211	-314.935211	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-835.223572	-835.223572	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	260.144165	260.144165 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.855799973	0.855799973 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1180.02588	1180.02588 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.48 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-480.890411
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1046.43359
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.02900004
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1056.20496
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	526.308228
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-678.528381
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1197.53906
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	672.915527
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

Name	Input Value		
k_CmnSysTrqRatio_HwNmpMtrNm_f32	77.9981003		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	24.1313992		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	30		
k_PsaAgAn_EpsPrec_HwDeg_f32	17.4263		
k_PsaAgAn_MinPrecFail_HwDeg_f32	436.111298		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	939.320923		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	378.190094		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.15450001		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-1.35810006		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.47860003		
k_PsaAgAn_VehCondMinTi_mS_u32	4361		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	790.015381		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1177.11084		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	51		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9533.14551		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	220		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1453.39001		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	20.9118004		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-3.45309997		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	675.495789		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1022.16461		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-506.5271		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.75409985		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	263.969299		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	558103182		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1491.72815	1491.72815	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1415.05188	1415.05188	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.44458413	-3.44458389	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	672.205444	672.205505	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	601.209351	601.209351	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1197.53906	1197.53906	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	672.915527	672.915527	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	790.015381	790.015381	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1177.11084	-1177.11084	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	262.311768	262.311768 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-935.227295	-935.227295	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-506.5271	-506.5271 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.49 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-150.010895
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1210.67627
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.888100028
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-582.6073
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-410.742493
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1062.25757
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1365.48975
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	86.4223022
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	18.4123993
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	18.8885994
k_PsaAgAn_EpsPrec_HwDeg_f32	0.238700002
k_PsaAgAn_MinPrecFail_HwDeg_f32	414.210907
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1440.36145
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-146.2966
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.906599998
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	4.51900005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.69209957
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.93700027
k_PsaAgAn_VehCondMinTi_mS_u32	2265
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1279.97559
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1438.48706
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	106
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9830.13281
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	113
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1520.97864
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.6107006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.75040007
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-323.719513
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	935.228882
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.923200011
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-354.846497
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.71239996
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	487.426086
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3056879614
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1361.06982	-1361.06982	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1396.76855	-1396.76855	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.74306154	4.74306154	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-324.211395	-324.211395	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-143.747406	-143.747406	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1365.48975	1365.48975	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1361.06982	-1361.06982	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1396.76855	-1396.76855	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	682.744873	682.744873 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	947.255127	947.255127	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.923200011	0.923200011 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-354.846497	-354.846497 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.50 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	668.677612
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1136.15027
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.9835
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1286.79871
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	645.274109
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-335.612915
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1402.53894
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-989.562622
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	52.2326012
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	13.4981003
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.9719
k_PsaAgAn_EpsPrec_HwDeg_f32	16.3985004
k_PsaAgAn_MinPrecFail_HwDeg_f32	199.169907
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-416.769012
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1277.70618
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.800100029
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.79990005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.398900002
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.26469994
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.0625
k_PsaAgAn_VehCondMinTi_mS_u32	8461
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-846.537598
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-330.809814
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	51
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8478.13477
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	116
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	553.509827
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.40409994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.13259995
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-739.416199
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	31.4008007
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.331099987
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	909.984802
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.269699991
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	398.274597
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	492677603
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	668.677612	668.677612	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1136.15027	-1136.15027	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.14561653	-1.14561677	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-735.566284	-735.566345	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-13.9647827	-13.9647827	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	668.677612	668.677612	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-989.562622	-989.562622	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-846.537598	-846.537598	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-330.809814	-330.809814	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	829.120117	829.120117 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.331099987	0.331099987 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	909.984802	909.984802 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.51 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-905.692871
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1180.01245
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.73799992
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	637.108582
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-248.124893
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1000.01947
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1288.62634
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-6.97930002
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	50.3033981
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	30
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.5757999
k_PsaAgAn_EpsPrec_HwDeg_f32	4.56519985
k_PsaAgAn_MinPrecFail_HwDeg_f32	277.457214
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	373.130402
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1076.36755
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.14660001
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.170200005
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.00209999
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.7468996
k_PsaAgAn_VehCondMinTi_mS_u32	4528
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1068.81287
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-263.016602
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	124
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7588.80078
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	150
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-2.41560006
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.9782009
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.27150011
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-225.110901
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2164.52222
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1041.94128
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.709500015
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	170.072906
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2109538716
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	31.1278	31.1278	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-35.9589996	-35.9589996	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.2467823	6.24678183	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-223.472656	-223.472672	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	41.4105988	41.4105911	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	31.1278	31.1278	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-35.9589996	-35.9589996	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	31.1278	31.1278	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-35.9589996	-35.9589996	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	33.5433998	33.5433998 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1041.94128	-1041.94128 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.52 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-658.471191
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	404.898407
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.41629982
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	133.540207
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	546.173828
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-713.389893
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1406.70349
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	607.646973
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	63.3358002
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	9.4435997
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	11.2658005
k_PsaAgAn_EpsPrec_HwDeg_f32	12.8142004
k_PsaAgAn_MinPrecFail_HwDeg_f32	459.2901
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-352.535797
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-817.638489
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.404500008
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.60050011
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.54939985
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.82349968
k_PsaAgAn_VehCondMinTi_mS_u32	9235
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	987.52417
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1402.93567
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	225
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3576.09961
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	96
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-51.3218002
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.5183001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.98169994
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	936.764771
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-457.593903
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	686.570984
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.9375999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	133.646698
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1032132676
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-658.471191	-658.471191	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	404.898407	404.898407	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.99392557	2.99392581	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	935.238647	935.238647	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	252.930969	252.930969	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1406.70349	1406.70349	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	607.646973	607.646973	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-352.535797	-352.535797	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-817.638489	-817.638489	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	399.528259	399.528259 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1007.17523	-1007.17523	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	686.570984	686.570984 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 3.53 (Repeat Count = 1)		✓
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	902.739624	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1606.31042	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.33260012	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-988.859802	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	101.878098	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1418.81262	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-982.509399	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1136.86475	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	21.2539997	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.2752991	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	26.5028	
k_PsaAgAn_EpsPrec_HwDeg_f32	10.7580004	
k_PsaAgAn_MinPrecFail_HwDeg_f32	10.1448002	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	881.179077	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1547.2865	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.0584000014	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.56949997	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.25440025	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	7.2665	
k_PsaAgAn_VehCondMinTi_mS_u32	5764	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1639.21191
target_Pim_PsaAgArbnLrndOffsData.MinOffset	470.371185
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	99
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1048.62158
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	97
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1480.36829
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	25.7359009
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.47830009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1322.45032
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2537.66919
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	480.519592
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.49419999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	326.019012
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	653295513
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	902.739624	902.739624	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1606.31042	-1606.31042	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.46852303	-8.46852303	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1318.05859	1318.05884	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	44.6423798	44.6423798	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-982.509399	-982.509399	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1136.86475	1136.86475	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1639.21191	1639.21191	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	470.371185	470.371185	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-77.1777344	-77.1777344	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	480.519592	480.519592 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr		1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt		1	✔
SnsrMon	1	SnsrMon		1	✔
SnsrSupv	1	SnsrSupv		1	✔
RecommendedState	1	RecommendedState		1	✔
VehCondChk	1	VehCondChk		1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32		1	✔
SwitchOffs	1	SwitchOffs		1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals		1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 3.54 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	667.844482	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1337.04126	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.46799994	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.996999979	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1110.47009	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.996999979	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-550.490906	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.996999979	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1049.03052	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	981.402405	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1428.6073	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	100	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	7.26060009	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	28.4328003	
k_PsaAgAn_EpsPrec_HwDeg_f32	0.0421999991	
k_PsaAgAn_MinPrecFail_HwDeg_f32	35.2084999	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1479.44763	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1131.85339	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.649699986	

Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	4.23330021		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.22410011		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.73200035		
k_PsaAgAn_VehCondMinTi_mS_u32	6112		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-276.612396		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-61.165699		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	126		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9330.16992		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	115		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1623.50452		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.57740021		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1212.39404		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2619.13379		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1235.84473		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.11049986		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	107.620903		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2655412680		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	667.844482	667.844482	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1337.04126	1337.04126	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.57707214	4.57707214	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1205.42542	1205.42542	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-506.604645	-506.604645	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	981.402405	981.402405	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1428.6073	1428.6073	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1479.44763	1479.44763	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1131.85339	1131.85339	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1205.00488	-1205.00488	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1235.84473	-1235.84473 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.55 (Repeat Count = 1)   ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	29.4146004
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1488.93518
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.08650017
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1294.63538
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-497.029297
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	71.1427002
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-964.634705
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1655.54419
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	73.9941025

Name	Input Value
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	26.9256001
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	25.0324001
k_PsaAgAn_EpsPrec_HwDeg_f32	13.2799997
k_PsaAgAn_MinPrecFail_HwDeg_f32	13.0712996
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-827.285522
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-188.5914
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.842599988
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.158800006
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-2.3138001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.5145998
k_PsaAgAn_VehCondMinTi_mS_u32	9635
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	554.400574
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1486.31873
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	59
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5350.82861
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	106
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	549.374207
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.6116009
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.67940044
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	933.749878
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1788.01953
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1287.00916
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.45409989
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	422.658905
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	252964236
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	554.400574	554.400574	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1486.31873	1486.31873	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.64564323	-8.64564514	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	929.515991	929.51593	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-264.704681	-264.704681	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	554.400574	554.400574	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1486.31873	1486.31873	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	554.400574	554.400574	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1486.31873	1486.31873	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1600	-1600 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.56 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	467.512299	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	452.577515	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.81659997	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	789.894775	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	585.169373	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-948.120605	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	

Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1482.41138
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-46.8186989
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	14.4560003
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	1.88059998
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	26.1271
k_PsaAgAn_EpsPrec_HwDeg_f32	7.98260021
k_PsaAgAn_MinPrecFail_HwDeg_f32	139.508606
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	700.759521
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-632.869324
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.27519989
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.31130028
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	7.94220018
k_PsaAgAn_VehCondMinTi_mS_u32	2238
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	133.071106
target_Pim_PsaAgArbnLrndOffsData.MinOffset	440.467499
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	11
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3539.37134
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	176
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	867.237793
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.6079998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.54750013
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1299.44116
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1282.21802
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-137.306305
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.73740005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	338.013489
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2211717590
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	467.512299	467.512299	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	452.577515	452.577515	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.53540802	4.53540802	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1295.47144	-1295.47144	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	45.1473999	45.1473618	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1282.21802	1282.21802	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1482.41138	-1482.41138	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-46.8186989	-46.8186989	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	700.759521	700.759521	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-632.869324	-632.869324	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-137.306305	-137.306305 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1282.21802	1282.21802 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.57 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-817.787109
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.30270004
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.565599978

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1140.02991
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.565599978
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	699.319275
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.565599978
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1041.66211
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	26.3162003
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	19.7287006
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	24.9754009
k_PsaAgAn_EpsPrec_HwDeg_f32	8.56439972
k_PsaAgAn_MinPrecFail_HwDeg_f32	425.556793
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-513.099609
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	270.863495
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.105800003
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.00820017
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0926999971
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.02680016
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.395500004
k_PsaAgAn_VehCondMinTi_mS_u32	4283
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1186.42651
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-709.153015
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	240
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-814.834595
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	76
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1359.58398
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.9976997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.06519985
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-416.810303
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2142.16528
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.972599983
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1173.35632
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.98169994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	26.5435009
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	614738739
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-120.281891	-120.281891	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-167.406097	-167.406097	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.86517	-2.86516976	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	259.48114	259.48111	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	242.219666	242.21965	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-814.834595	-814.834595	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-120.281891	-120.281891	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-167.406097	-167.406097	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-120.281891	-120.281891	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-167.406097	-167.406097	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	23.5621033	23.5621033 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-670.990601	-670.990601	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.972599983	0.972599983 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1173.35632	-1173.35632 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-814.834595	-814.834595 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.58 (Repeat Count = 1)	✔
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1445.56909
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.83379984
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-840.786316
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	662.231995
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	336.644012
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.7478981
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	4.35720015
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	4.59569979
k_PsaAgAn_EpsPrec_HwDeg_f32	19.9377003
k_PsaAgAn_MinPrecFail_HwDeg_f32	45.0195007
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1205.21252
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-523.219971
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.27909994
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.2322998
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.6395998
k_PsaAgAn_VehCondMinTi_mS_u32	458
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-92.3227997
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1589.36755
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	241
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5339.5874
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	95
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-30.9878998
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.81659985
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-9.7439003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	37.0617981
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	152.785095
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.512199998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	897.555725
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.60349989
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	193.172302
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2939395105
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-6.23360062	-6.23360062	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-55.7421989	-55.7421989	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.7383709	-9.7383709	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	35.3939209	35.3939209	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-237.488892	-237.488907	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1205.21252	1205.21252	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-523.219971	-523.219971	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.512199998	0.512199998 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	897.555725	897.555725 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.59 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1201.43909
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	322.634613
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.07789993
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0432000011
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-490.007599
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0432000011
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	213.673096
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0432000011
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1588.38147
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	46.1654015
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.0154991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.55139995
k_PsaAgAn_EpsPrec_HwDeg_f32	2.89949989
k_PsaAgAn_MinPrecFail_HwDeg_f32	348.746704
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	770.384583
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	936.248474
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.861899972
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.368900001
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.18440008
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.657500029
k_PsaAgAn_VehCondMinTi_mS_u32	9380
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	861.034973
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1448.59399

Name	Input Value
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	209
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6084.65479
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	225
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	421.519501
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.02110004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.779799998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	5.33850002
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2400.21997
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1597.72156
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.96390009
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	172.629807
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	265404657
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	371.228241	371.228241	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	355.387054	355.387054	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.93542194	3.93542194	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-468.608643	-468.608643	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	192.582031	192.582031	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	371.228241	371.228241	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	355.387054	355.387054	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	371.228241	371.228241	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	355.387054	355.387054	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	7.92059326	7.92059326 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1597.72156	1597.72156 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 3.60 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-529.519409	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.99840021	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	281.017914	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-245.787796	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	614.204285	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	95.5250015	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	4.22179985	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	5.29750013	
k_PsaAgAn_EpsPrec_HwDeg_f32	1.45640004	
k_PsaAgAn_MinPrecFail_HwDeg_f32	166.406403	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1140.60522	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	Test Step Call Trace	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1160.46326
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1499.43384
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	190
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2659.16309
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	222
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1035.04736
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.5487995
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.06640005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-681.732971
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-134.005096
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0482000001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-635.044006
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.31739998
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	172.225998
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4060662460
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-744.687805	-744.687805	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-784.698181	-784.698181	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.05297661	-2.05297685	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-679.903687	-679.903748	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-128.13501	-128.134995	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-744.687805	-744.687805	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-784.698181	-784.698181	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-744.687805	-744.687805	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-784.698181	-784.698181	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	20.005188	20.005188 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-865.307007	-865.307007	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0482000001	0.0482000001 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-635.044006	-635.044006 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.61 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-974.92627
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-889.048584
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	8.71500015
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-98.9943008
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	765.496582
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1186.64319
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	15.3600998
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	12.6217003
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	10.0324001
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	374.341095
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	103.544502

Name	Input Value
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	889.830078
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.746699989
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.94379997
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.464700013
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.42400002
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	7.51929998
k_PsaAgAn_VehCondMinTi_mS_u32	9630
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	506.64859
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1656.26453
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	189
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7541.55469
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	78
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-400.498901
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.1669006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.26539993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-494.106506
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2445.61963
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.318100005
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-942.256104
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.21500015
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	327.530914
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3397517837
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	335.219421	335.219421	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	262.88562	262.88562	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.24453735	-2.24453688	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-493.355774	-493.355774	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-126.750122	-126.750114	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	335.219421	335.219421	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	262.88562	262.88562	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	335.219421	335.219421	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	262.88562	262.88562	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	36.1669006	36.1669006 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1330.94751	1330.94751	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.318100005	0.318100005 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-942.256104	-942.256104 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.62 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	193.054092
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.55240011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.755299985
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-256.917389
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.755299985
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	404.868591
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.755299985
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1004.85718
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	95.8631973
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	2.67810011
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	10.4707003
k_PsaAgAn_EpsPrec_HwDeg_f32	12.9323997
k_PsaAgAn_MinPrecFail_HwDeg_f32	235.483307
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1104.48584
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-299.606415
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.730400026
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.79920006
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.42120004
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.13730001
k_PsaAgAn_VehCondMinTi_mS_u32	6705
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1056.24805
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1672.55664
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5371.6377
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	244
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	41.4650002
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.8337994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.23200011
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1018.71527
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-225.666
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.417499989
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1589.84424
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.13940001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	7.33500004
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3659829427
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	9.48015976	9.48015976	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-70.0522308	-70.0522308	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.04450202	3.04450202	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	706.567993	706.567932	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	400.472382	400.472382	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1104.48584	1104.48584	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-299.606415	-299.606415	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.417499989	0.417499989 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1589.84424	1589.84424 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.63 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1489.13464
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.03730011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-877.145386
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-7.92019987

Name	Input Value
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-216.580399
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	3.0783999
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	15.8036003
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.5396004
k_PsaAgAn_EpsPrec_HwDeg_f32	6.69379997
k_PsaAgAn_MinPrecFail_HwDeg_f32	293.155396
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	23.6972008
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1581.61743
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.555700004
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.5777998
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.976700008
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.30800009
k_PsaAgAn_VehCondMinTi_mS_u32	6279
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	698.72699
target_Pim_PsaAgArbnLrndOffsData.MinOffset	212.827698
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	221
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1260.2428
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	149
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1307.71387
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.8946991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.97640002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	888.333374
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3013.88721
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.267199993
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-634.661499
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	242.766602
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2274204105
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-700.108093	-700.108093	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-753.285095	-753.285095	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.95927429	1.95927382	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	884.978882	884.978943	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	28.9960442	28.9960461	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1260.2428	1260.2428	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-700.108093	-700.108093	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-753.285095	-753.285095	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	420.742798	420.742798	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.267199993	0.267199993 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-634.661499	-634.661499 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1260.2428	1260.2428 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.64 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	368.437714	

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1416.38696
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.30730009
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.108599998
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	764.899109
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.108599998
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-18.2070999
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.108599998
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	228.729004
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	29.0098991
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	1.35520005
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	0.243799999
k_PsaAgAn_EpsPrec_HwDeg_f32	4.98769999
k_PsaAgAn_MinPrecFail_HwDeg_f32	414.030212
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	649.019897
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-50.4846001
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.754700005
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.27010012
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.467299998
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.79419994
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.03410006
k_PsaAgAn_VehCondMinTi_mS_u32	2037
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-658.875427
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1626.32483
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	43
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3690.17578
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	167
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1470.3783
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	8.65219975
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.77899981
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-634.333679
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1049.05127
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	926.907104
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.310499996
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	15.9405003
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2951507120
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1096.05457	-1096.05457	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1123.33435	-1123.33435	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.46712685	-5.46712685	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	612.942444	612.942444	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-17.944231	-17.944231	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1096.05457	-1096.05457	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1123.33435	-1123.33435	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	926.907104	926.907104 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.65 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1187.05334
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.403600007
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1132.91016
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-796.307373
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-621.751282
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	27.2346992
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	14.4780998
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	15.2108002
k_PsaAgAn_EpsPrec_HwDeg_f32	12.3093996
k_PsaAgAn_MinPrecFail_HwDeg_f32	15.1701002
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	535.993591
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-680.824219
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.202199996
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.92140007
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.5145998
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.20320034
k_PsaAgAn_VehCondMinTi_mS_u32	692
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	868.651672
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-128.381195
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0

Name	Input Value
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	5
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9659.19531
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	131
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1599.5946
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.1843996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.50910002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	52.793499
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	654.112
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.582799971
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	974.734497
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.241799995
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	250.012497
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1377017731
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	344.931824	344.931824	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	301.944214	301.944214	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.507365942	-0.507365882	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	54.8457031	54.8457375	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-8.59393311	-8.59393311	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	344.931824	344.931824	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	301.944214	301.944214	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	790.5	790.5	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.582799971	0.582799971 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	974.734497	974.734497 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.66 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	74.6790009	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1384.77979	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.25570011	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-729.697205	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	355.105408	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1360.9668	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	48.2523994	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	25.0890999	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	1.63329995	
k_PsaAgAn_EpsPrec_HwDeg_f32	13.9217997	
k_PsaAgAn_MinPrecFail_HwDeg_f32	287.145111	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	414.809113	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1624.94434	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.34579992	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.95949996	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.46619987	
k_PsaAgAn_VehCondMinTi_mS_u32	8813	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	179.727097
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1024.40491
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	216
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1337.49536
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	234
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1251.12048
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.2985001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.6421001
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	686.971619
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1156.04553
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.916800022
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-762.409607
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.68830013
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	471.015289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2698076557
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1280.34082	1280.34082	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1221.90015	1221.90015	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.65276623	-2.65276599	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	684.279968	684.279907	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	368.311707	368.311676	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1337.49536	1337.49536	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1280.34082	1280.34082	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1221.90015	1221.90015	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1280.34082	1280.34082	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1221.90015	1221.90015	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	29.2203369	29.2203369 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	86.3748779	86.3748779	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.916800022	0.916800022 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-762.409607	-762.409607 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1337.49536	1337.49536 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.67 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	129.201508
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-347.543915
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.736199975
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-584.358093
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-472.186188
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-73.4139023
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	6.87279987
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.3796997
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	0.707599998
k_PsaAgAn_EpsPrec_HwDeg_f32	15.7895002
k_PsaAgAn_MinPrecFail_HwDeg_f32	334.974213
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1109.46533
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2

Name	Input Value
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1650.95239
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.841000021
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.25029999
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.359299988
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.568400025
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	6568
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1430.88782
target_Pim_PsaAgArbnLrndOffsData.MinOffset	668.218506
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	44
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8781.91699
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	48
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-219.535507
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.44950008
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.335599989
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1332.94543
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	18.6618996
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	227.196106
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.47349977
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	334.350708
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1291185412
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	209.868362	209.868362	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	159.390366	159.390366	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.110697508	0.11069753	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	534.580139	534.5802	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-214.757233	-214.757248	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1109.46533	1109.46533	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1650.95239	1650.95239	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	227.196106	227.196106 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.68 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1635.72717
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1336.7489
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.71650004
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-488.105499
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	275.429993
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1349.60425
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	59.7408981
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	16.9489002
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	2.52160001
k_PsaAgAn_EpsPrec_HwDeg_f32	9.75949955
k_PsaAgAn_MinPrecFail_HwDeg_f32	324.412109
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1181.25146
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-152.700806
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.515900016
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.06589985
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.72010005
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.0956000015
k_PsaAgAn_VehCondMinTi_mS_u32	3828
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	943.890381
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1197.98096
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	250
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4058.16772
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	162
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1494.90222
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.64170003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.78980017
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	358.93689
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1925.49939
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.925700009
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1479.70325
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.614099979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	29.3132
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1334097540
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	783.621277	783.621277	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	758.818909	758.818909	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.7717371	-6.77173805	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	357.327484	357.327484	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	30.3636017	30.3635998	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1181.25146	1181.25146	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-152.700806	-152.700806	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.925700009	0.925700009 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1479.70325	-1479.70325 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.69 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1558.0177
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1622.08533
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.57459998
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.51789999
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	870.399475
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.51789999

Name	Input Value
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	783.916687
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.51789999
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1408.00037
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	33.6987991
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	10.4808998
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	5.78149986
k_PsaAgAn_EpsPrec_HwDeg_f32	12.0675001
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.760101
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1512.55884
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	148.207993
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.448900014
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.84440005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	6.36539984
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.9920001
k_PsaAgAn_VehCondMinTi_mS_u32	9844
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1517.12415
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1257.23853
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	160
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1638.43445
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	111
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	979.367004
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.7546005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.61439991
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1130.08862
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1921.1145
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1145.07056
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.31790018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	497.519501
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	436159063
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-400.815735	-400.815735	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-478.459961	-478.459961	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.666483164	0.666482985	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-165.653259	-165.65329	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	287.504791	287.504822	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-400.815735	-400.815735	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-478.459961	-478.459961	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-400.815735	-400.815735	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-478.459961	-478.459961	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	38.822113	38.822113 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1145.07056	-1145.07056 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.70 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	901.741577	

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-514.421692
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.42129993
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1062.27051
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	489.385101
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1189.22314
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	57.8883018
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	9.47879982
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	14.4590998
k_PsaAgAn_EpsPrec_HwDeg_f32	19.677
k_PsaAgAn_MinPrecFail_HwDeg_f32	0.418099999
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1321.21069
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1589.5531
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.309899986
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.39580011
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.274899989
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.978100002
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.92939997
k_PsaAgAn_VehCondMinTi_mS_u32	286
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1128.74194
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1514.62598
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	51
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9540.12012
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	201
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-962.923279
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.47210002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.03579998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-479.921997
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	388.324585
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-794.834778
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.7263999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	17.6194
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2630373142
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	319.559021	319.559021	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	277.260803	277.260803	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.01403141	-7.01403141	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-481.028442	-481.028473	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-163.619354	-163.61937	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1321.21069	-1321.21069	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1589.5531	-1589.5531	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-794.834778	-794.834778 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.71 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1558.14392
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1136.10461
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.15639997
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0540999994
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1283.72961
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0540999994
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	124.155197
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0540999994
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	265.616089
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	15.8800001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	9.76620007
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	16.3668003
k_PsaAgAn_EpsPrec_HwDeg_f32	9.6850996
k_PsaAgAn_MinPrecFail_HwDeg_f32	102.275299
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	571.305786
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	880.396484
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.1479
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.9000001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	7861
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	218.966599
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1558.1427
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2

Name	Input Value
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	222
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8023.63184
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	231
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	452.322601
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.77569997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.16499996
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	748.495605
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1223.2157
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.00480000023
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1094.24316
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.2500999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	443.1633
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	839579251
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-55.4377136	-55.4377136	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-78.359314	-78.359314	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.4273653	1.42736518	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1254.77344	1254.77344	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	114.979744	114.979744	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	571.305786	571.305786	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	880.396484	880.396484	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.00480000023	0.00480000023 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1094.24316	1094.24316 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.72 (Repeat Count = 1)		✔
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1168.44006
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1593.60815
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.312299997
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-806.05011
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-253.347397
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-853.227173
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	43.9742012
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	22.8731995
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.8847008
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	418.397491
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	720.13678
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	650.861328
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.308800012
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.50999999
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.84749985
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.45129991
k_PsaAgAn_VehCondMinTi_mS_u32	5305
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-739.803223
target_Pim_PsaAgArbnLrndOffsData.MinOffset	734.167725
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	225
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1214.74048
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	189
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1360.60229
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.621599972
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.00039995
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1163.0719
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3193.08447
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	812.090088
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.34420002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1.00030005
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3423303430
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	440.775604	440.775604	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	399.532379	399.532379	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.999092579	-0.999092519	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1162.39355	-1162.39355	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-60.4776764	-60.4776764	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	720.13678	720.13678	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	650.861328	650.861328	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	812.090088	812.090088 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.73 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1109.6615
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1182.51526
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.25029999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.063500002
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-182.543701
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.063500002
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-880.071899
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.063500002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-395.893707
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1616.38147
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1277.24329
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	79.9350967
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	7.52750015
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.4757004
k_PsaAgAn_EpsPrec_HwDeg_f32	13.0170002
k_PsaAgAn_MinPrecFail_HwDeg_f32	155.167404
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1437.93628

Name	Input Value
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1108.71692
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.00590000022
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.28460026
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.30910003
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.2493999
k_PsaAgAn_VehCondMinTi_mS_u32	9302
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	897.392395
target_Pim_PsaAgArbnLrndOffsData.MinOffset	408.646698
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	196
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3422.62158
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	68
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	470.808807
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.24240017
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	583.243591
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2083.20874
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.440400004
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-969.398071
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.34520006
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	355.485687
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3268676737
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1109.6615	1109.6615	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1182.51526	-1182.51526	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓

Name	Actual Value	Expected Value	Result
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.503798366	-0.503798366	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-133.916199	-133.916214	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-851.588318	-851.588318	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1616.38147	-1616.38147	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1277.24329	1277.24329	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1437.93628	1437.93628	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1108.71692	-1108.71692	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	169.569092	169.569092	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.440400004	0.440400004 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-969.398071	-969.398071 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.74 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1312.67249	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	456.17511	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.46329975	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.141900003	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1196.55762	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.141900003	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-227.168396	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.141900003	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-195.867706	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1385.30615	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1678.61804	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	63.4542007
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	11.3724003
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	24.1445999
k_PsaAgAn_EpsPrec_HwDeg_f32	12.8782997
k_PsaAgAn_MinPrecFail_HwDeg_f32	424.723602
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1306.21106
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1332.36108
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.45289993
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.370299995
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.77019978
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.552900016
k_PsaAgAn_VehCondMinTi_mS_u32	4655
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	731.581177
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1470.26685
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	116
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1825.7655
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	234
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-969.424988
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.5459003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.186199993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1273.32642
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	348.2052
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0452999994
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	4.73409986
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.18979979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	348.158203
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2632707586
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1312.67249	1312.67249	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	456.17511	456.17511	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	8.0940361	8.0940361	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1207.45105	-1207.45105	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-241.689362	-241.689362	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1385.30615	1385.30615	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1678.61804	1678.61804	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1306.21106	1306.21106	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1332.36108	-1332.36108	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1531.96216	-1531.96216	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0452999994	0.0452999994 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	4.73409986	4.73409986 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 3.75 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1399.59546	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-963.8396	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.13849998	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.335000008	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	846.277527	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.335000008	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-261.5672	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.335000008	

Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-536.602173
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	696.023376
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-877.419312
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	3.85780001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	21.1103001
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	27.6306
k_PsaAgAn_EpsPrec_HwDeg_f32	7.80730009
k_PsaAgAn_MinPrecFail_HwDeg_f32	65.6523972
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-180.054993
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	152.694397
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.285299987
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.71409988
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.16729999
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	5277
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	64.063797
target_Pim_PsaAgArbnLrndOffsData.MinOffset	578.035889
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	234
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3678.50171
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	135
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1399.73193
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.2519002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	555.307312
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2405.45825
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.149000004
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-882.84729
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	186.234604
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1417336851
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	411.40271	411.40271	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	387.284302	387.284302	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.77210236	4.77210236	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	748.80249	748.80249	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-159.219391	-159.219391	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	696.023376	696.023376	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-877.419312	-877.419312	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	411.40271	411.40271	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	387.284302	387.284302	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	786.721313	786.721313 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	90.697998	90.697998	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.149000004	0.149000004 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-882.84729	-882.84729 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.76 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	129.201508
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-347.543915
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.736199975
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-584.358093
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-472.186188
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-73.4139023
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	601.982788
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	588.125
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	6.87279987
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.3796997
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	0.707599998
k_PsaAgAn_EpsPrec_HwDeg_f32	15.7895002
k_PsaAgAn_MinPrecFail_HwDeg_f32	334.974213
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1109.46533
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1650.95239
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.841000021
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.25029999
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.359299988
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.568400025
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	6568
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1430.88782
target_Pim_PsaAgArbnLrndOffsData.MinOffset	668.218506
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	44
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8781.91699
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	48
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-219.535507
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.44950008
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.335599989
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1332.94543
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	18.6618996
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	227.196106
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.47349977
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	334.350708
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2148937495
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0{	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l{	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	129.201508	129.201508	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-347.543915	-347.543915	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.110697508	0.11069753	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	534.580139	534.5802	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-214.757233	-214.757248	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	601.982788	601.982788	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	588.125	588.125	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1109.46533	1109.46533	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1650.95239	1650.95239	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	6.92889404	6.92889404 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-595.053894	-595.053894	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	227.196106	227.196106 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.77 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1185.84888
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	665.547119
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.01879978
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.505800009
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	4.70590019
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.505800009
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	821.45459
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.505800009
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	275.939911
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1384.66284
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1530.21362
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	95.9339981
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	17.7583008
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	10.9141998
k_PsaAgAn_EpsPrec_HwDeg_f32	9.87209988
k_PsaAgAn_MinPrecFail_HwDeg_f32	329.497711
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-379.007294
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	348.723511
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.7597
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.05660009
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.33589995
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.92650032
k_PsaAgAn_VehCondMinTi_mS_u32	6394
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-839.245911
target_Pim_PsaAgArbnLrndOffsData.MinOffset	900.801819
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	221
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7145.99316
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	182
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1239.33704
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	10.7501001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.23559999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1292.6571
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1373.76221
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	297.634003
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.2487998
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	367.005188
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	465571322

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1185.84888	1185.84888	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	665.547119	665.547119	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.843724251	-0.84372431	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	656.151611	656.151611	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	662.289124	662.289124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1384.66284	-1384.66284	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1530.21362	-1530.21362	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-839.245911	-839.245911	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	900.801819	900.801819	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	72.7753906	72.7753906 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1457.43823	1457.43823	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	297.634003	297.634003 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.78 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1015.1803
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-909.265076
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.21899986
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1041.95044
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	468.400787
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1337.43726
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	119.444397
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	360.106293
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	16.8612995
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	24.7241001
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	9.58839989
k_PsaAgAn_EpsPrec_HwDeg_f32	3.7815001
k_PsaAgAn_MinPrecFail_HwDeg_f32	270.327301
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1626.10718
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	9.14379978
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.353399992
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.13059998
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	6.53249979
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.68580008
k_PsaAgAn_VehCondMinTi_mS_u32	5469
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	41.0125999
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-453.892487
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	21

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7636.1665
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	205
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	20.6728001
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.0916004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.85179996
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	367.369995
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1680.47546
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	584.303223
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	408.537292
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1010900862
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1015.1803	1015.1803	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-909.265076	-909.265076	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.82126617	-8.82126522	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	364.692261	364.692261	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	140.152496	140.152496	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	119.444397	119.444397	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	360.106293	360.106293	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	41.0125999	41.0125999	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-453.892487	-453.892487	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-239.775345	-239.775345	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	584.303223	584.303223 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.79 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0.804499984	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-674.592285	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.58710003	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.337700009	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	161.378601	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.337700009	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	882.166321	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.337700009	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1516.05847	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1123.3291	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1639.56775	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	76.9247971	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	0.0480999984	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	22.6460991	
k_PsaAgAn_EpsPrec_HwDeg_f32	14.5668001	
k_PsaAgAn_MinPrecFail_HwDeg_f32	111.932297	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1435.97095	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1279.17419	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.486000001	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	4.32460022	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.601100028	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.10170007	
k_PsaAgAn_VehCondMinTi_mS_u32	5320	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1634.88354
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1218.34253
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	34
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6925.86768
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	18
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	659.83197
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	8.59930038
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.22020006
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	194.782394
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3117.34424
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.730000019
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1441.82422
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.35200024
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	168.284805
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2068326096
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0.804499984	0.804499984	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-674.592285	-674.592285	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.78779793	4.78779793	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	172.659058	172.659058	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	368.38208	368.38208	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1123.3291	-1123.3291	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1639.56775	-1639.56775	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1435.97095	1435.97095	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1279.17419	-1279.17419	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	258.119324	258.119324 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1381.44849	1381.44849	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.730000019	0.730000019 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1441.82422	1441.82422 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.80 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1112.8761	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1112.5188	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.87680006	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.932299972	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1210.44495	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.932299972	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-615.035706	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.932299972	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-674.372681	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1247.38574	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	352.384705	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	21.948	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	29.2243004	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	16.2950993	
k_PsaAgAn_EpsPrec_HwDeg_f32	3.35820007	
k_PsaAgAn_MinPrecFail_HwDeg_f32	311.02301	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	795.463806	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1619.73584	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.55679989	

Name	Input Value		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.54539967		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.0855		
k_PsaAgAn_VehCondMinTi_mS_u32	1410		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	745.076782		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1287.83496		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	18		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9425.58691		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	91		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	770.726501		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.6042004		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.76249981		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-739.670898		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1463.2262		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1519.11255		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.48980045		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	52.0110016		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1625232881		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1112.8761	1112.8761	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1112.5188	-1112.5188	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.10991812	6.10991907	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-607.647949	-607.64801	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	138.386047	138.386047	✓

TEST DETAILS REPORT

PsaAgArbn_Per1

2018-03-03, 17:22:32+0530

Name	Actual Value	Expected Value	Result
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1247.38574	1247.38574	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	352.384705	352.384705	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	795.463806	795.463806	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1619.73584	-1619.73584	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	447.500519	447.500519 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-799.885254	-799.885254	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1519.11255	1519.11255 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.81 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	448.5578
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1528.41223
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	8.24860001
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.119099997
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	784.449402
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.119099997
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	410.276611
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.119099997
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1002.41138
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1036.76904
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1431.48328
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	29.9876003
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.8141003

Name	Input Value
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	4.69439983
k_PsaAgAn_EpsPrec_HwDeg_f32	19.4794006
k_PsaAgAn_MinPrecFail_HwDeg_f32	385.471497
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1222.61584
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1627.44177
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.476300001
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.23009968
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.184599996
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.88740015
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.50189996
k_PsaAgAn_VehCondMinTi_mS_u32	5582
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	546.559204
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1606.2041
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	111
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1923.89783
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	43
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	671.113708
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.63049984
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-3.70169997
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-500.975098
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	913.809875
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1260.61877
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.934700012
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	319.926208
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3183965555
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-295.541565	-295.541565	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-343.761353	-343.761353	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.82531929	6.82531929	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	631.355347	631.355347	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	364.310089	364.310089	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-295.541565	-295.541565	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-343.761353	-343.761353	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-295.541565	-295.541565	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-343.761353	-343.761353	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	24.1098938	24.1098938 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1260.61877	-1260.61877 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.82 (Repeat Count = 1)   ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1560.8844
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1490.66846
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.76169991
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.520799994
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	72.0793991
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.520799994
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-847.1828
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.520799994
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1098.22205
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT

Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-800.965027
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	306.473389
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	20.2915001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	12.0016003
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	21.0202007
k_PsaAgAn_EpsPrec_HwDeg_f32	11.8172998
k_PsaAgAn_MinPrecFail_HwDeg_f32	119.652298
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-824.169189
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1245.33899
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.271699995
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.663600028
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.380299985
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.4618001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.9612
k_PsaAgAn_VehCondMinTi_mS_u32	7613
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-869.343323
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-456.085785
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	126
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8845.89551
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	232
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	882.177612
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.5531998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.89020014
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	230.867401
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2209.38965
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.2685
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1482.88843
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.476200014
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	366.8992
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	935535740
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-869.343323	-869.343323	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-456.085785	-456.085785	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.744209528	0.744209588	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	154.776184	154.776184	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-398.390778	-398.390808	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-869.343323	-869.343323	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-456.085785	-456.085785	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-869.343323	-869.343323	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-456.085785	-456.085785	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.2685	0.2685 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1482.88843	-1482.88843 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.83 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1632.13086
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	363.324493
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.68529987
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.808499992
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-373.2771

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.808499992
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	866.683411
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.808499992
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	718.238708
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1521.47864
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-51.4180984
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	74.8618011
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	24.6305008
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.7840996
k_PsaAgAn_EpsPrec_HwDeg_f32	11.1365004
k_PsaAgAn_MinPrecFail_HwDeg_f32	136.468399
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-155.514999
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1359.96033
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.130600005
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.315200001
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.56289959
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	7.02029991
k_PsaAgAn_VehCondMinTi_mS_u32	2261
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1275.81567
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1142.51587
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	206
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	597.106812
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	154
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1322.00244
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.40540004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.4545002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1075.26208
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	271.242004
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.486499995
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-139.501007
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.33900023
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	457.824005
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	666894370
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1632.13086	-1632.13086	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	363.324493	363.324493	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.9807291	5.98072815	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-940.83197	-940.83197	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-89.0075073	-89.0074768	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1521.47864	-1521.47864	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-51.4180984	-51.4180984	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-155.514999	-155.514999	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1359.96033	1359.96033	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	786.448364	786.448364	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.486499995	0.486499995 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-139.501007	-139.501007 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.84 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1042.42114
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1013.03113
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.11089993
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	39.4499016
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-426.732086
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1328.96912
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-758.178772
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1177.92566
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	28.4545994
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	3.98250008
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.3310003
k_PsaAgAn_EpsPrec_HwDeg_f32	19.8682003
k_PsaAgAn_MinPrecFail_HwDeg_f32	142.131699
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	607.68811
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1393.55176
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.756299973
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	4.56619978
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-1.08850002
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.84500003
k_PsaAgAn_VehCondMinTi_mS_u32	2972
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	431.164795
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1531.41858
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	156
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6777.17188
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	118
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-798.559875
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.0711
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	681.370117
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	294.185303
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.674300015
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1597.96155
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.03410006
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	353.518402
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	120372882
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	652.819031	652.819031	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	555.082581	555.082581	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.08067608	-2.0806756	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	680.150452	680.150452	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-145.849121	-145.849106	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-758.178772	-758.178772	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1177.92566	-1177.92566	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	607.68811	607.68811	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1393.55176	1393.55176	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	209.873444	209.873444 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	968.052246	968.052246	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.674300015	0.674300015 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1597.96155	-1597.96155 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.85 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1

Name	Input Value
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	101
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	253
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	977066268
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	598.767212	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	717.393677	717.393677	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1047.37207	1047.37207	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	138.359619	138.359619	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.86 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1029.73706	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-169.2155	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.8664999	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.405999988	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	107.137398	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.405999988	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	598.198486	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.405999988	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1015.11182	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	998.82489	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	59.5634995	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	30	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	15.6924	
k_PsaAgAn_EpsPrec_HwDeg_f32	15.0994997	
k_PsaAgAn_MinPrecFail_HwDeg_f32	266.287292	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1377.89453	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	92.9396973	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.0456000008	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.66020012	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.151500002	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	6.78270006	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.32390022	
k_PsaAgAn_VehCondMinTi_mS_u32	2101	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	844.667725
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-136.067307
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	31
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1750.44714
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	71
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	683.133423
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.3227997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.21309996
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-947.679504
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	386.915985
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1018.30261
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.81789994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	462.716187
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1750328910
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1029.73706	-1029.73706	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-169.2155	-169.2155	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.78921986	-8.78921986	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-321.118256	-321.118256	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	260.073944	260.073944	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1015.11182	-1015.11182	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	998.82489	998.82489	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	844.667725	844.667725	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-136.067307	-136.067307	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	8.14349365	8.14349365	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1018.30261	1018.30261 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 3.87 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1047.49121	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1452.75549	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.45909977	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1243.43408	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	52.0018005	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1451.74268	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-682.025391	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	258.338898	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	23.4766006	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	16.7026997	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	30	
k_PsaAgAn_EpsPrec_HwDeg_f32	17.1270008	
k_PsaAgAn_MinPrecFail_HwDeg_f32	139.953094	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1263.14795	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	327.712891	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	

Name	Input Value
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.887399971
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.08299994
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.689400017
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.26679993
k_PsaAgAn_VehCondMinTi_mS_u32	1893
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-994.502014
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1671.40344
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	162
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1223.52417
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	64
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-822.79541
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.56099987
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.04080009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1234.37317
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2390.31128
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1058.98608
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.78609991
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	192.997894
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1918411618
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1047.49121	-1047.49121	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1452.75549	-1452.75549	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.03969479	5.03969479	✓

Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1234.39038	-1234.39038	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	164.141891	164.141891	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-682.025391	-682.025391	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	258.338898	258.338898	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1263.14795	-1263.14795	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	327.712891	327.712891	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	211.843231	211.843231	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1058.98608	-1058.98608 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.88 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-897.849426
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	139.245102
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.23249996
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.457100004
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-406.189301
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.457100004
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	800.067871
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.457100004
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-138.844894
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1214.32788
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

Name	Input Value
k_CmnSysTrqRatio_HwNmpMtrNm_f32	8.31820011
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	19.7206993
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	20.5231991
k_PsaAgAn_EpsPrec_HwDeg_f32	1.63520002
k_PsaAgAn_MinPrecFail_HwDeg_f32	429.757996
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1648.33826
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-258.721893
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.500800014
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.74030018
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.03709984
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.85129976
k_PsaAgAn_VehCondMinTi_mS_u32	7282
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-576.255371
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-681.732971
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	59
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2193.50171
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	123
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1187.15442
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.7532997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.40999985
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-586.791504
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	898.004272
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1414.47925
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.71249962
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	184.121597
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1652601929
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-897.849426	-897.849426	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	139.245102	139.245102	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.51333523	-4.51333523	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-488.742554	-488.742554	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	463.63974	463.63974	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-138.844894	-138.844894	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1214.32788	-1214.32788	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1648.33826	-1648.33826	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-258.721893	-258.721893	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	537.741516	537.741516 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	676.586365	676.586365	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1414.47925	1414.47925 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 3.89 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1419.46545
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1047.33032
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.455500007
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-90.0843964
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	753.63739
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-512.453674
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-924.523376
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-168.799805
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	42.8009987
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	12.4434004
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	13.8219995
k_PsaAgAn_EpsPrec_HwDeg_f32	17.2758007
k_PsaAgAn_MinPrecFail_HwDeg_f32	172.3741
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1548.99829
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	936.990417
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.80410004
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.55200005
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.92090011
k_PsaAgAn_VehCondMinTi_mS_u32	6195
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-288.562988
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1352.72681
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	116
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6344.04297
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	66
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1304.54614
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.0809002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.55290008
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-710.351196
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	962.343506
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.952300012
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1067.97266
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.85520005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	72.8443985
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2549552727
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1419.46545	1419.46545	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1047.33032	1047.33032	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.54718399	-2.54718399	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-709.172668	-709.172668	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	120.857117	120.857094	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-924.523376	-924.523376	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-168.799805	-168.799805	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1548.99829	1548.99829	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	936.990417	936.990417	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	546.661621	546.661621	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.952300012	0.952300012 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1067.97266	1067.97266 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.90 (Repeat Count = 1)		✔
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1262.50488	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1120.85657	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.65889978
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	169.111404
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	451.136108
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	640.478882
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-154.656494
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1124.44495
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	16.0797997
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	19.2577991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	5.70120001
k_PsaAgAn_EpsPrec_HwDeg_f32	9.04590034
k_PsaAgAn_MinPrecFail_HwDeg_f32	79.1204987
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	737.25531
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-329.558105
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.06809998
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.04889989
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	7.05539989
k_PsaAgAn_VehCondMinTi_mS_u32	6092
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-684.739502
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-377.668304
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	106
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4509.24121
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	183
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	28.0114002
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.50969982
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.95029998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1239.29102
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-614.093384
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-108.238701
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.75040007
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	404.394592
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3509154646
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1262.50488	1262.50488	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1120.85657	-1120.85657	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.93774223	-1.93774235	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1236.61499	-1236.61499	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-61.2805176	-61.280529	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-614.093384	-614.093384	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-154.656494	-154.656494	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1124.44495	-1124.44495	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-684.739502	-684.739502	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-377.668304	-377.668304	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	484.894226	484.894226 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	25.4573364	25.4573364	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-108.238701	-108.238701 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-614.093384	-614.093384 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.91 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-565.927002
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1413.06641
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.546000004
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.863499999
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-983.211792
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.863499999
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-566.258179
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.863499999
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-798.529602
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1398.68994
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-309.528412
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.8115005
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	10.9296999
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.0489998
k_PsaAgAn_EpsPrec_HwDeg_f32	16.0974998
k_PsaAgAn_MinPrecFail_HwDeg_f32	43.0348015
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-705.004028
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1336.88464
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.921400011
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.22230005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.05840015
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.18449998
k_PsaAgAn_VehCondMinTi_mS_u32	871
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	503.119293
target_Pim_PsaAgArbnLrndOffsData.MinOffset	702.728027
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	152
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9899
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	108
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-267.398102
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.6131992
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.65799999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	176.572906
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-135.837601
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1064.77686
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.5637002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	152.587906
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3442944645
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-565.927002	-565.927002	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1413.06641	1413.06641	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.55071163	7.55071211	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	18.2622681	18.2622681	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-237.061401	-237.061386	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1398.68994	-1398.68994	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-309.528412	-309.528412	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	503.119293	503.119293	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	702.728027	702.728027	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	854.109131	854.109131	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1064.77686	1064.77686 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.92 (Repeat Count = 1)

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-57.6604004
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	540.586609
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.55350018
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1217.47693
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	543.580322
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	477.828308
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	56.6619987
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	5.38140011
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	14.1119003
k_PsaAgAn_EpsPrec_HwDeg_f32	4.54419994
k_PsaAgAn_MinPrecFail_HwDeg_f32	316.019104
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1608.30127
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1671.52271
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.98319995
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.49090001
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.65450001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.51209998
k_PsaAgAn_VehCondMinTi_mS_u32	9998
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1580.93579
target_Pim_PsaAgArbnLrndOffsData.MinOffset	629.120483
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	19

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	121.198097
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	199
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1069.1908
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.2581997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-9.22799969
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-350.714508
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2019.50317
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-388.97641
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.14639997
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	55.4766998
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3851942638
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1045.38843	-1045.38843	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1092.99316	-1092.99316	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.1923151	-9.19231415	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-347.734863	-347.734924	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-355.783264	-355.783234	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1608.30127	1608.30127	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1671.52271	-1671.52271	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-388.97641	-388.97641 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.93 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-309.789398	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-418.234314	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.25290012	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.725600004	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1037.28284	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.725600004	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-644.185608	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.725600004	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-139.805206	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	75.7235031	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	3.18659997	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.4169998	
k_PsaAgAn_EpsPrec_HwDeg_f32	14.3369999	
k_PsaAgAn_MinPrecFail_HwDeg_f32	349.322601	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1338.61633	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1170.99902	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.842599988	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.61709976	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.44689989	
k_PsaAgAn_VehCondMinTi_mS_u32	1594	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	827.778076
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1283.17029
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	4
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6173.75684
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	51
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-325.561188
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.08129978
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-3.94910002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-645.077881
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-222.6241
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-22.9099007
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20689988
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	312.404114
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2750840074
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-309.789398	-309.789398	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-418.234314	-418.234314	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.326471329	-0.326471239	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-752.698914	-752.698914	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-3.42694092	-3.42694092	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	827.778076	827.778076	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1283.17029	1283.17029	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-22.9099007	-22.9099007 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.94 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	633.944397	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1202.25403	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.87529999	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1311.34094	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-258.436188	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	27.4622993	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	13.6759005	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1026.20557	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	8.44999981	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	25.6021996	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.5832005	
k_PsaAgAn_EpsPrec_HwDeg_f32	5.74720001	
k_PsaAgAn_MinPrecFail_HwDeg_f32	166.329895	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	401.54071	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1614.65247	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	

Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.0789000019		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.40040016		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.60109997		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.70170021		
k_PsaAgAn_VehCondMinTi_mS_u32	1749		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1426.15356		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-457.025909		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	184		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6950.00537		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	162		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-220.7668		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.46330023		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.96080005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-379.373413		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2348.5293		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.835699975		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1061.40845		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.31929994		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	252.8405		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	856305350		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	633.944397	633.944397	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1202.25403	-1202.25403	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.95873761	-1.95873761	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-376.161011	-376.161041	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	17.1127625	17.1127625	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	13.6759005	13.6759005	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1026.20557	-1026.20557	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	401.54071	401.54071	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1614.65247	-1614.65247	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	519.940735	519.940735 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	506.264832	506.264832	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.835699975	0.835699975 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1061.40845	1061.40845 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.95 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	244.757996
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	41.9429016
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.75710011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-602.851074
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-171.491806
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	302.496002
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	87.2678986
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1477.25012
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

Name	Input Value
k_CmnSysTrqRatio_HwNmpMtrNm_f32	9.2876997
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	1.92460001
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.1529007
k_PsaAgAn_EpsPrec_HwDeg_f32	4.58860016
k_PsaAgAn_MinPrecFail_HwDeg_f32	56.4919014
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	683.471802
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1063.12366
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.211400002
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	6.65920019
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	822
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1379.06592
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1159.17981
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	246
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1215.40979
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	173
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	406.48761
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.3887005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.53649998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	506.8573
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	754.384827
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1464.08765
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.2973001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	57.8750992
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3949420287
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1379.06592	1379.06592	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1159.17981	-1159.17981	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.54451942	5.54451942	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	504.748779	504.74884	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-25.3659973	-25.366003	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1215.40979	-1215.40979	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1379.06592	1379.06592	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1159.17981	-1159.17981	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1379.06592	1379.06592	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1159.17981	-1159.17981	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1269.1228	1269.1228 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1325.35278	-1325.35278	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1464.08765	1464.08765 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1215.40979	-1215.40979 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 3.96 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	212.427704	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-844.625916	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.94180012	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	7.82019997	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-58.4104004	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	204.074203	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	

Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	573.906616
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-209.507706
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	3.47280002
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	10.0625
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.30119991
k_PsaAgAn_EpsPrec_HwDeg_f32	3.53600001
k_PsaAgAn_MinPrecFail_HwDeg_f32	76.6421967
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	497.628387
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1059.35693
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.713699996
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.288100004
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	1864
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-269.310913
target_Pim_PsaAgArbnLrndOffsData.MinOffset	673.409302
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	93
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9401.5332
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	55
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1202.74902
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.5231991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.15430021
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1293.42981
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-419.190704
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.265799999
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	292.584991
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.67819977
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	67.7399979
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1717816065
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	212.427704	212.427704	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-844.625916	-844.625916	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.13131714	-6.13131762	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1290.9574	-1290.9574	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	9.96199036	9.96199608	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-419.190704	-419.190704	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	573.906616	573.906616	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-209.507706	-209.507706	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	497.628387	497.628387	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1059.35693	-1059.35693	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	391.707153	391.707153 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-601.390137	-601.390137	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.265799999	0.265799999 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	292.584991	292.584991 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-419.190704	-419.190704 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.97 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	101
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	253
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2320436378
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	598.767212	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	717.393677	717.393677	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1047.37207	1047.37207	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	138.359619	138.359619	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Case 4: PRM Range Sheet ✔

Description	Vector Description:

TS4.1k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Min
TS4.2k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Max
TS4.3k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Pos
TS4.4k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Zero
TS4.5k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Neg
TS4.6k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Default
TS4.7k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Min
TS4.8k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Max
TS4.9k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Pos
TS4.10k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero
TS4.11k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Neg
TS4.12k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.13k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Min/Default
TS4.14k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Max
TS4.15k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Pos
TS4.16k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Min/Default
TS4.17k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Max
TS4.18k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Pos
TS4.19k_CmnSysTrqRatio_HwNmpMtrNm_f32==>Min
TS4.20k_CmnSysTrqRatio_HwNmpMtrNm_f32==>Max
TS4.21k_CmnSysTrqRatio_HwNmpMtrNm_f32==>Pos/Default
TS4.22t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0==>Min
TS4.23t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0==>Max
TS4.24t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0==>Pos/Default
TS4.25t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15==>Min
TS4.26t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15==>Max
TS4.27t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15==>Pos
TS4.28t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15==>Default
TS4.29k_PsaAgAn_EpsPrec_HwDeg_f32==>Min
TS4.30k_PsaAgAn_EpsPrec_HwDeg_f32==>Max
TS4.31k_PsaAgAn_EpsPrec_HwDeg_f32==>Pos
TS4.32k_PsaAgAn_EpsPrec_HwDeg_f32==>Default
TS4.33k_PsaAgAn_OffsetPolarity_HwDeg_f32==>Min/Default
TS4.34k_PsaAgAn_OffsetPolarity_HwDeg_f32==>Max
TS4.35k_PsaAgAn_MinPrecFail_HwDeg_f32==>Min
TS4.36k_PsaAgAn_MinPrecFail_HwDeg_f32==>Max
TS4.37k_PsaAgAn_MinPrecFail_HwDeg_f32==>Pos
TS4.38k_PsaAgAn_MinPrecFail_HwDeg_f32==>Default
TS4.39k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32==>Min
TS4.40k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32==>Max
TS4.41k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32==>Pos
TS4.42k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32==>Default
TS4.43k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32==>Min
TS4.44k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32==>Max
TS4.45k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32==>Pos
TS4.46k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32==>Default
TS4.47k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32==>Min
TS4.48k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32==>Max
TS4.49k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32==>Pos
TS4.50k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32==>Default
TS4.51k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Min
TS4.52k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Max
TS4.53k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Pos
TS4.54k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Zero
TS4.55k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Neg
TS4.56k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Default
TS4.57k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32==>Min
TS4.58k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32==>Max
TS4.59k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32==>Pos
TS4.60k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32==>Default
TS4.61k_PsaAgAn_VehCondMaxVehSpd_Kph_f32==>Min
TS4.62k_PsaAgAn_VehCondMaxVehSpd_Kph_f32==>Max
TS4.63k_PsaAgAn_VehCondMaxVehSpd_Kph_f32==>Pos
TS4.64k_PsaAgAn_VehCondMaxVehSpd_Kph_f32==>Default
TS4.65k_PsaAgAn_VehCondMinTi_mS_u32==>Min
TS4.66k_PsaAgAn_VehCondMinTi_mS_u32==>Max
TS4.67k_PsaAgAn_VehCondMinTi_mS_u32==>Pos
TS4.68k_PsaAgAn_VehCondMinTi_mS_u32==>Default

Test Step 4.1 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	379.498901
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	53.6212006
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.0947001
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.560599983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	338.091797
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0766000003
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	369.23761

Name	Input Value
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.560599983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1069.26038
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1277.46448
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	248.836502
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1029.96399
target_Pim_PsaAgArbnLrndOffsData.MinOffset	31.2607002
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	51
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2734.6709
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	140
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	359.078705
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.01230001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	12.9041004
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2966.74902
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-503.824188
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.08800006
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	195.239197
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	280638617
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	379.498901	379.498901	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	53.6212006	53.6212006	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.52641106	6.52641106	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	313.182434	313.182434	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	135.095978	135.095978	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1277.46448	-1277.46448	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	248.836502	248.836502	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1029.96399	-1029.96399	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	31.2607002	31.2607002	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	514.314026	514.314026	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-503.824188	-503.824188 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.2 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	423.379089	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1592.32849	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.12799978
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1011.6142
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0494000018
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	617.546692
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-899.769287
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1131.39478
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-529.692017
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1185.05542
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1589.34607
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	60
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3454.83105
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	228
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1133.81409
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.9920998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.78149986
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-569.577881
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2414.72754
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.135800004
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1386.90808
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.11689997
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	461.460205
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	902351404
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	423.379089	423.379089	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1592.32849	1592.32849	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.77455807	-8.77455807	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-989.777588	-989.777588	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	51.2682495	51.2682343	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1131.39478	-1131.39478	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-529.692017	-529.692017	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1185.05542	1185.05542	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1589.34607	1589.34607	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	830.543396	830.543396	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.135800004	0.135800004 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1386.90808	-1386.90808 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.3 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1541.84863
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	561.569275
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.82800007
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-805.801819
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0233999994
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-264.093506
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1258.76685
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	130.568695
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	685.94397
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	630.354797
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	814.425598
target_Pim_PsaAgArbnLrndOffsData.MinOffset	371.991486
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	117
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6351.5083
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	69
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	538.26239
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.33690023
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.59930003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-897.503601
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1142.91333
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.9727
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1124.53467
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.5796001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	500.6409
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3628439438

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1541.84863	1541.84863	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	561.569275	561.569275	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.60163462	1.60163462	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-807.947632	-807.947632	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-47.6188202	-47.618824	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1142.91333	-1142.91333	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1541.84863	1541.84863	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	685.94397	685.94397	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	630.354797	630.354797	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	427.952332	427.952332 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.9727	0.9727 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1124.53467	-1124.53467 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1142.91333	-1142.91333 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.4 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1343.90747
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1414.00342
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.59669971
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.741999984
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	487.901093
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.298900008
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	621.856873
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.741999984
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-834.014099
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-426.277802
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1539.32349
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1601.29773
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1195.33667
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	2
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1953.30286
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	151
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-338.224701
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	7.57460022
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.104900002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1284.17395
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-832.937927
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.952099979
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	247.417801
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.1566
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	269.567688
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2101090039
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1343.90747	-1343.90747	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1414.00342	-1414.00342	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.39811277	-2.39811277	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-41.7721863	-41.7721519	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	130.24118	130.241196	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-426.277802	-426.277802	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1539.32349	-1539.32349	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	556.522827	556.522827 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	982.800659	982.800659	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.952099979	0.952099979 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	247.417801	247.417801 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.5 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	577.226013	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	864.941101	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-203.293396	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	50
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-548.802979
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	11.6702003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2978179701
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	849.708801	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.88630867	-6.88630819	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-230.438599	-230.438538	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-26.3596191	-26.3596306	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	864.941101	864.941101	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-203.293396	-203.293396	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.50867	-1071.50867	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	534.117249	534.117249 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-330.823853	-330.823853	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 4.6 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1056.00171	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1622.93225	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.42140007	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	209.269501	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	128.880493	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1258.76685	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1226.00562	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-332.061005	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	

Name	Input Value
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	996.445007
target_Pim_PsaAgArbnLrndOffsData.MinOffset	468.660614
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	117
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6351.5083
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	69
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	538.26239
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.33690023
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.59930003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-897.503601
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1142.91333
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.9727
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1124.53467
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.5796001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	500.6409
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2716517399
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-531.925476	-531.925476	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-544.599304	-544.599304	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.42140007	2.42140007	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-895.400635	-895.400696	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	128.880493	128.880493	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1226.00562	1226.00562	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-332.061005	-332.061005	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	779.033325	779.033325 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-446.972321	-446.972321	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.9727	0.9727 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1124.53467	-1124.53467 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.7 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1152.4248	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-307.775085	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.20760012	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-792.226929	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.713400006	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	844.323608	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	83.4052963	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	431.235992	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1067.12878	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	

Name	Input Value
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1559.42688
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1193.08752
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	53
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3516.24121
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	219
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-568.511597
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	25.0823002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.35659981
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1202.41028
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2407.2085
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	852.726624
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.48179996
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	508.160095
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2423109936
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1152.4248	-1152.4248	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-307.775085	-307.775085	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.35441685	5.35441685	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1084.85181	-1084.85168	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	34.9330444	34.9330368	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	431.235992	431.235992	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1067.12878	-1067.12878	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	749.182373	749.182373 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	852.726624	852.726624 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.8 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	763.197205
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1276.57947
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.90089989
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	711.247986
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	489.805695
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-538.86969
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1008.07721
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1336.55798
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	414.5578
target_Pim_PsaAgArbnLrndOffsData.MinOffset	682.750671
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	163
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5325.1377
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	231
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-389.36731
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.3743
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.14779997
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	387.07019
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2106.71094
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	591.227295
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.11600018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	391.166412
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	42281872
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0{	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l{	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	393.741608	393.741608	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	384.993011	384.993011	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.33552504	-2.33552527	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	387.686127	387.686127	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	294.155212	294.155212	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1008.07721	-1008.07721	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1336.55798	-1336.55798	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	414.5578	414.5578	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	682.750671	682.750671	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	164.240387	164.240387 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1172.31763	1172.31763	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	591.227295	591.227295 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.9 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-977.626892
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1443.02502
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.19470024

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-778.40271
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.321999997
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-288.164093
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-142.718994
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	446.236115
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	760.193604
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	630.567688
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	997.098328
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-941.27301
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	105
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3375.38037
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	94
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	955.081787
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.0382004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.405699998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	80.1256027
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	540.239624
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.168799996
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-594.616882
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.2277
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	122.116203
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	536144979
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-977.626892	-977.626892	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1443.02502	1443.02502	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.422398567	-0.422398567	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-501.956604	-501.956604	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	22.2315063	22.2315044	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	446.236115	446.236115	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	760.193604	760.193604	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	997.098328	997.098328	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-941.27301	-941.27301	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-603.214844	-603.214844	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.168799996	0.168799996 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-594.616882	-594.616882 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.10 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-166.377808
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1334.25586
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.83809996
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	261.023804
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.184200004
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	79.4251022
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	431.28949
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	95.1592026
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	182.898102
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1060.07593
target_Pim_PsaAgArbnLrndOffsData.MinOffset	636.426697
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	91
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5003.20752
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	24
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	855.276123
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.0524006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.11870003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-397.843506
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1041.73206
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1471.62976
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.51690006
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	197.360504
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3850401908
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-838.223694	-838.223694	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-872.328552	-872.328552	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.12196684	5.12196684	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	139.660446	139.660446	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-61.15345	-61.1534424	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	95.1592026	95.1592026	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	182.898102	182.898102	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-139.028656	-139.028656	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1471.62976	1471.62976 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.11 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1505.974
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-360.320709
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.42399979
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1052.87329
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.00240000011
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	397.708801
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1370.56958
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-264.376892
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1548.98816
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-179.357803
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	729.888916
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-911.49231
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2

	Input Value
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	104
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6796.67578
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	189
omSerlCom_Cnt_lgc.value	1
ldFromSerlCom_Cnt_lgc.value	1
na_Cnt_lgc.value	0
omSerlCom_HwDeg_f32.value	-251.493698
target_PsaAgArs PrecisionFromSerlCom_HwDeg_f32.value	20.1166992
target_PsaAgArbn_P que_HwNm_f32.value	5.98110008
target_PsaAgArbn_Per1 RF_MtrRadpS_f32.value	-1013.59027
target_PsaAgArbn_Per1 S_HwDeg_f32.value	2129.45654
target_PsaAgArbn_Per1_S sAuthority_Uls_f32.value	0.452100009
target_PsaAgArbn_Per1_Se HwPos_HwDeg_f32.value	-453.314209
target_PsaAgArbn_Per1_To dCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_Ve edValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_V eed_Kph_f32.value	215.346207
target_Rte_Call_Ap_Psa ystemTime_DtrmnElapsedTime_uS_u32_Elapse	97589305
target_Rte_Inst_Ap_Ps saAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte rbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
rbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
AgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaA saAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_Psa saAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaA saAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaA saAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaA saAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_Ps bn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_A bn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
saAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
saAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
saAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
saAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

	Actual Value	Expected Value	Result
Cnt_M_lgc	0	0	✔
Cnt_M_lgc	1	1	✔
PsaA AgArbnO lgc	1	1	✔
Ps ComputedOn str.MaxOffset	-1505.974	-1505.974	✔
Ps ComputedOffs str.MinOffset	-360.320709	-360.320709	✔
P ComputedOffs str.MaxSrc	2	2	✔
R n_ComputedOffs str.MinSrc	1	1	✔
n_EscOffsSt_Cnt_ n	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
n_EscProc_Cnt_M	0	0	✔
An_HwTrqLPF_Uls SV_Uls_f32	5.9819417	5.9819417	✔
An_MtrVelLPF_Uls SV_Uls_f32	-1052.77905	-1052.77905	✔
An_PinionTrqLPF str.SV_Uls_f32	172.905045	172.90506	✔
gAn_PrevSnsrMo enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
gAn_RelHwP m_HwDeg_M_f32	0	0	✔
gAn_RelH erlCom_Cnt_M_lgc	0	0	✔
saAgAn_Rese lgc	0	0	✔
PsaAgAn_Snsr M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit nt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-264.376892	-264.376892	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1548.98816	1548.98816	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_U tr.MinSrc	1	1	✔
target_Pim_PsaAgArbn fsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbn fsData.MinOffset	-179.357803	-179.357803	✔
target_Pim_PsaAgArbn fsData.MaxSrc	0	0	✔
	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-642.305664	-642.305664	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.452100009	0.452100009 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-453.314209	-453.314209 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.12 (Repeat Count = 1)		✔
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1175.85376	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1489.07605	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.01859999	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.594600022	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1116.65955	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.210800007	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	703.074219	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.594600022	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	436.642487	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	882.893921	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-233.876907	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	455.33609
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1324.34412
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	201
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6800.40918
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	99
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1189.3728
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.4513998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.25330019
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1023.1106
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2168.4541
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-24.4088001
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.33029985
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	200.209305
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4071815101
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1202.82422	1202.82422	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1175.92139	1175.92139	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.3052721	2.3052721	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	665.596008	665.596008	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	348.114868	348.114868	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	882.893921	882.893921	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-233.876907	-233.876907	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	558.385437	558.385437 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-324.508545	-324.508545	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-24.4088001	-24.4088001 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.13 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1502.10767	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	658.269592	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.40969992	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.342799991	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-767.261108	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.971899986	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	481.787598	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.342799991	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-667.25	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-828.595703	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	528.582825	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	

Name	Actual Value	Expected Value	Result
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.87819052	1.87819052	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1274.53345	-1274.53345	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	281.972473	281.972473	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-828.595703	-828.595703	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	528.582825	528.582825	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	536.409119	536.409119	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1408.04724	1408.04724	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	150.006409	150.006409	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.739400029	0.739400029 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-497.683197	-497.683197 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.14 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-146.182907	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1095.55469	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.28379989	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-286.714691	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-274.876099	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-358.66571	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1581.36047	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	120.594101	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	

Name	Input Value		
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-838.187683		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	137.265503		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	141		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6350.46387		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	152		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-266.414795		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.10810006		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1010.617		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-468.668915		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.504400015		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-712.536316		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.43389988		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	139.041595		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2824091514		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-146.182907	-146.182907	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1095.55469	1095.55469	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.97476101	9.97476101	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1008.15198	1008.15204	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	168.724945	168.72493	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-468.668915	-468.668915	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1581.36047	1581.36047	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	120.594101	120.594101	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	730.383179	730.383179 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1319.64624	-1319.64624	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.504400015	0.504400015 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-712.536316	-712.536316 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-468.668915	-468.668915 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.15 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-924.800171	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1087.11523	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.94290018	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1055.38269	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	726.397217	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	436.642487	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	

Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-301.110596
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	754.601624
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	581.103882
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1169.33289
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	201
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6800.40918
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	99
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1189.3728
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.4513998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.25330019
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1023.1106
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2168.4541
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-24.4088001
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.33029985
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	200.209305
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3680842309
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1202.82422	1202.82422	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1175.92139	1175.92139	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.25271034	5.25271034	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1023.17194	-1023.17194	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	107.281189	107.281151	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-301.110596	-301.110596	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	754.601624	754.601624	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	581.103882	581.103882	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1169.33289	1169.33289	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-226.745544	-226.745544	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-24.4088001	-24.4088001 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.16 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	264.026886	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-578.953918	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.81439996	

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1155.97595
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-295.638
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	836.221924
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1308.32336
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1530.50146
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1053.54443
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-840.634399
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	206
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5452.38428
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	47
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	998.118225
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.59310007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.91839999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	440.839111
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	66.0009995
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	781.441223
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.1564002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	173.925003
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4113944554
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	264.026886	264.026886	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-578.953918	-578.953918	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum			

Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1643.17041
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-677.388916
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.73629999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.109499998
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-393.001312
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.67900002
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-30.7325993
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.109499998
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	44.9095993
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-293.909912
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	836.865295
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	719.912415
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-808.222778
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	130
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3066.56665
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	179
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	867.482178
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	20.2784996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.461100012
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1012.12292
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-42.9748993
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.318300009
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-43.6190987
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.36959982
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	5.12169981
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1114645024
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1643.17041	1643.17041	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-677.388916	-677.388916	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum			

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.18 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1187.25781
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1290.38367
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.21090031
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.898299992
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	852.858521
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.765100002
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-616.479126
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.898299992
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	992.756104
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	695.573975
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	204.701904
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	788.635498
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1458.3772
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	82
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9627.02051
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	35
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	510.817108
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.0158005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.08339977
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	438.539215
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-696.278625
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.127499998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-945.469727
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.14239979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	70.5001984
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	254427405
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1187.25781	1187.25781	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1290.38367	1290.38367	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.40146637	-6.40146637	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	535.862793	535.862793	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	70.2262573	70.2262421	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	695.573975	695.573975	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	204.701904	204.701904	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	245.436035	245.436035 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-450.137939	-450.137939	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.127499998	0.127499998 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-945.469727	-945.469727 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.19 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	382.578613	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	637.469299	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.42370009	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.128000006	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	453.555695	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.298000008	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	629.072327	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.128000006	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-222.074493	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-945.520691	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1625.81958	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	1	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	12.3263998
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1117.34827
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	141
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8190.59375
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	205
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	361.718994
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.0480995
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.79500008
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	590.912292
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-996.486084
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1287.86414
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.124399997
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	141.458405
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2024400291
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	382.578613	382.578613	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	637.469299	637.469299	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.24370635	1.24370646	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	494.487976	494.487976	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	547.697205	547.697205	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-996.486084	-996.486084	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-945.520691	-945.520691	✔

TEST DETAILS REPORT

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PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	637.469299	637.469299	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-842.460327	-842.460388	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1287.86414	1287.86414 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-996.486084	-996.486084 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.20 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1048.97327	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1326.43164	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.97539997	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-977.017883	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.202999994	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	391.059692	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-37.0213013	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1176.41113	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-918.375671	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	100	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	

Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1450.45935		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	429.533997		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	138		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9658.25684		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	19		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1444.26917		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.343399		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.93739986		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-718.347473		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3083.92993		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0821999982		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-994.546204		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.46520042		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.302505		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3391266664		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1048.97327	-1048.97327	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1326.43164	-1326.43164	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.92607212	-7.92607212	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-924.507813	-924.507813	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	837.7323	837.732361	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1176.41113	1176.41113	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-918.375671	-918.375671	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1047.39343	1047.39343 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-129.017761	-129.017761	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0821999982	0.0821999982 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-994.546204	-994.546204 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.21 (Repeat Count = 1)   ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1087.83765
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	84.6699982
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.18280029
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.464300007
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	58.7248993
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	340.545288
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.464300007
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1015.9278
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	120.335999
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1216.26196
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

Name	Input Value
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-358.024994
target_Pim_PsaAgArbnLrndOffsData.MinOffset	476.809387
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	124
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	142.443497
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	233
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-883.76947
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.25949955
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	195.040695
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1494.01184
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.346100003
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-397.900787
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.78049994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	221.613998
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	618235366
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1087.83765	1087.83765	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	84.6699982	84.6699982	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.21841145	9.21841145	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	194.781693	194.781693	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	118.381058	118.381058	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	120.335999	120.335999	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1216.26196	-1216.26196	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-358.024994	-358.024994	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	476.809387	476.809387	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	668.29895	668.29895 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	547.963013	547.963013	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.346100003	0.346100003 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-397.900787	-397.900787 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 4.22 (Repeat Count = 1)		✓
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-384.949799	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	636.173279	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.43470001	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	257.743011	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.167199999	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	642.578125	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-272.780212	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	

Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1377.25146
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-274.042297
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	429.349213
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1438.13306
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	25
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6216.48047
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	30
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1205.06348
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.9983997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.54699993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1098.5127
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1651.83142
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1241.64294
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.485799998
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	287.148285
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2302787741
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-384.949799	-384.949799	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	636.173279	636.173279	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.53348637	9.53348637	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	30.9770508	30.9770584	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	1.5758667	1.5758667	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1377.25146	-1377.25146	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-274.042297	-274.042297	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	429.349213	429.349213	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1438.13306	-1438.13306	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	825.646912	825.646912	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1241.64294	-1241.64294 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.23 (Repeat Count = 1)	✔
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-51.4062004
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1166.34412
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.89299965

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0278999992
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1099.97168
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.296999991
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	537.704224
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0278999992
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1428.93005
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1327.65002
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	639.874695
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	959.182983
target_Pim_PsaAgArbnLrndOffsData.MinOffset	354.311615
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	85
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8280.82617
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	71
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-271.24469
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.0060997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.51289988
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-375.998199
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-425.564087
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	651.689026
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.505
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	93.1391983
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	196483578
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	959.182983	959.182983	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	354.311615	354.311615	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.79869461	-9.79869461	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	661.608643	661.608643	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	521.726135	521.726135	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	959.182983	959.182983	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	354.311615	354.311615	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	959.182983	959.182983	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	354.311615	354.311615	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	302.435669	302.435669 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	973.252686	973.252686	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	651.689026	651.689026 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 4.24 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	267.8302
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1554.81274
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.40180016
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.5176
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1264.81653
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0951000005
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-532.672729
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.5176
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-998.97229
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	448.737396
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-704.406982
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1441.24304
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-475.525391
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7638.11279
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	161
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	181.544907
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.2524004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.94690001
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	684.832397
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-671.34259
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-113.685501
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.54559994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	251.385193
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	323977373
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	267.8302	267.8302	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1554.81274	1554.81274	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.09594345	4.09594393	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1079.40491	-1079.40491	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-182.059601	-182.059601	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-671.34259	-671.34259	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	448.737396	448.737396	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-704.406982	-704.406982	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	576.572205	576.572205 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-543.507813	-543.507813	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-113.685501	-113.685501 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-671.34259	-671.34259 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.25 (Repeat Count = 1)

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-32.8900986
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1153.71375
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.47819996
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-526.296326
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.512399971
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	408.752411
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	494.986786
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-204.515305
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-879.100586
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1396.42285
target_Pim_PsaAgArbnLrndOffsData.MinOffset	279.27951
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	64
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3803.80591
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	137
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-865.731079
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.3309002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.3355999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1153.40564
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1703.42407
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	842.761597
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.54770005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.991104
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1735497655
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-32.8900986	-32.8900986	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1153.71375	1153.71375	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.33967113	-5.33967066	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	334.382874	334.382904	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-33.7756653	-33.7756729	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-204.515305	-204.515305	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-879.100586	-879.100586	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1396.42285	-1396.42285	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	279.27951	279.27951	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	337.292633	337.292633 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	541.807983	541.807983	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	842.761597	842.761597 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.26 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1611.07495	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1244.33118	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.66900015	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0714000016	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-234.638	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.700200021	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-558.033508	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0714000016	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	134.540802	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1490.29651	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	145.606201	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08		

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1328.44153
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1557.95715
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	146
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8613.44336
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	159
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	323.756195
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.7677994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.59119987
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	104.928703
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-99.9909973
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.748300016
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	191.886703
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.35589981
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	220.142105
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	142258187
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1611.07495	-1611.07495	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1244.33118	1244.33118	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.80624533	-5.80624533	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	3.12661743	3.12661743	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-527.318054	-527.318054	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1490.29651	-1490.29651	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	145.606201	145.606201	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	672.345154	672.345154	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.748300016	0.748300016 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	191.886703	191.886703 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.27 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1197.96313
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-710.058228
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.1875
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1155.65295
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	17.6277008
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-753.977112
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-31.9169006
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1533.1073
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1

Name	Input Value
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	31264
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	24897
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	13956
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	403
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-316.933289
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-426.411804
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	223
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	382.277802
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	226
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-852.496399
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.0648003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.92250001
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	659.318481
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	768.331177
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.256799996
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	890.7995
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.869899988
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	385.782898
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2545057633
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1197.96313	1197.96313	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-710.058228	-710.058228	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.90709019	1.9070909	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	655.869995	655.869995	✓

Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	18.3795776	18.3795776	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-31.9169006	-31.9169006	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1533.1073	-1533.1073	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	750.595215	750.595215 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	782.512085	782.512085	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.256799996	0.256799996 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	890.7995	890.7995 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 4.28 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	810.914978
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-734.575195
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.18149996
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.864400029
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1054.77075
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.440499991
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-616.07489
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.864400029
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-222.074493
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1641.38025
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	678.030518
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001

Name	Input Value		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	17.4552994		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-810.325317		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	141		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8190.59375		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	205		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	361.718994		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.0480995		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.79500008		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	590.912292		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-996.486084		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1287.86414		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.124399997		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	141.458405		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4236208813		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	810.914978	810.914978	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-734.575195	-734.575195	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.03380966	-6.03380966	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-329.847351	-329.847382	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-87.3788452	-87.3788452	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-996.486084	-996.486084	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1641.38025	-1641.38025	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-734.575195	-734.575195	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	191.491638	191.491638	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1287.86414	1287.86414 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-996.486084	-996.486084 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.29 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-109.731003	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-955.003906	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.89999962	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.863600016	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-920.630371	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.716700017	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	169.084595	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.863600016	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1395.83826	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	

Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	690.234802
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	817.206482
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	0
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1521.82275
target_Pim_PsaAgArbnLrndOffsData.MinOffset	871.887573
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	191
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7227.70605
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	239
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1175.3728
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.633899987
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.409000009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	169.109604
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	915.017029
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.27610001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1055.87561
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	272.420685
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3295114295
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0t	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwC	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	662.17041
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.3028
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-758.195984
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.00410000002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	923.079224
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	682.327881
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	971.423279
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1553.54956
target_Pim_PsaAgArbnLrndOffsData.MinOffset	106.636398
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	163
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9324.97949
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	119
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1558.10596
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.16079998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.57620001
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	95.3551025
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-901.868774
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.344900012
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	657.186707
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.53270006
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	469.79071
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1051988087
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1294.79871	-1294.79871	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1583.94568	1583.94568	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.79455566	-5.79455566	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	490.538757	490.538727	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-755.587646	-755.587646	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	682.327881	682.327881	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	971.423279	971.423279	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-826.87561	-826.87561	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.344900012	0.344900012 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	657.186707	657.186707 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.31 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.849304
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1054.49695
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.56269979
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.7051
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-397.094391
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.734700024
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	300.145691
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.7051
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1405.79468
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1262.87256
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1405.33691
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	15.3879004
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-979.90448
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1214.00464
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	61
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2108.37891
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	132
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	744.536804
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.3535995
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.15240002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1053.49182
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2481.76294
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.486600012
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-792.155029
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.93370008
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	228.303802
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	327645785
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.849304	598.849304	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1054.49695	1054.49695	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.40271711	-3.40271711	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-879.349609	-879.349609	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	122.606812	122.606812	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1262.87256	1262.87256	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1405.33691	1405.33691	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1334.10474	-1334.10474	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.486600012	0.486600012 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-792.155029	-792.155029 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.32 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	927.203674
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1402.16833
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.01020002
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.112800002
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-966.871582
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-586.737122
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.112800002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-288.90741
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1258.13403
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1396.02014
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-245.330505
target_Pim_PsaAgArbnLrndOffsData.MinOffset	700.139526
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	222
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3927.66895
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	21
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1444.11646
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.2297001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.09160042
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1134.79883
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2783.99756
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	582.348511
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.62230015
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	140.024506
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2657067664
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	927.203674	927.203674	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1402.16833	-1402.16833	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.35778189	5.35778189	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1130.80566	1130.80566	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-531.639404	-531.639404	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1258.13403	1258.13403	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1396.02014	1396.02014	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

TEST DETAILS REPORT

PsaAgArbn_Per1

2018-03-03, 17:22:32+0530

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1327.07715	-1327.07715	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	582.348511	582.348511 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.33 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1235.31836	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	186.005905	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.63670015	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	168.175995	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.169	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	405.407806	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1047.05762	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-581.943726	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	303.961212	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-137.610306
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-394.248688
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	165
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-10109.0498
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	77
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	491.028595
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.1991997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.68249989
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1230.63513
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1143.31494
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.91900003
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-381.984894
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.29570007
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	182.291702
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	620275632
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1235.31836	1235.31836	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	186.005905	186.005905	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.65339279	9.65339279	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-68.2230835	-68.2230835	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	110.43869	110.43866	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1143.31494	-1143.31494	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-581.943726	-581.943726	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	303.961212	303.961212	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1004.32367	-1004.32373	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.91900003	0.91900003 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-381.984894	-381.984894 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1143.31494	-1143.31494 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.34 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-329.191986	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1583.70325	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.25029993	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.236900002	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-616.732178	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	162.234802	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.236900002	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1283.83948	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	12.5365	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1027.16663	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	

Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1440.53601		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-983.980225		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	93		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2451.50562		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	101		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1448.2583		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.3865995		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.06430006		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-613.33728		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	750.936523		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1324.75317		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.46810007		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	304.583893		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3871616201		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-329.191986	-329.191986	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1583.70325	-1583.70325	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.22817123	1.22817123	✔

TEST DETAILS REPORT

PsaAgArbn_Per1

2018-03-03, 17:22:32+0530

Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-613.34375	-613.34375	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	103.28566	103.28566	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	12.5365	12.5365	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1027.16663	1027.16663	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-519.851563	-519.851563	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1324.75317	-1324.75317 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.35 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-590.997986
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-195.792496
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.86600018
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0151000004
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-907.307495
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	295.052795
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0151000004
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1405.79468
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	814.77417
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-906.712524
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

Name	Input Value
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	144.519699
target_Pim_PsaAgArbnLrndOffsData.MinOffset	183.525803
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	61
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2108.37891
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	132
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	744.536804
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.3535995
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.15240002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1053.49182
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2481.76294
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.486600012
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-792.155029
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.93370008
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	228.303802
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3561146654
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-590.997986	-590.997986	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-195.792496	-195.792496	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.65432215	6.65432215	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1053.21411	-1053.21411	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	291.327637	291.327637	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	814.77417	814.77417	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-906.712524	-906.712524	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	860.743347	860.743347 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	45.9691772	45.9691772	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.486600012	0.486600012 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-792.155029	-792.155029 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.36 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-74.5108032
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1483.61011
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.899699986
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.659500003
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-116.682503
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	259.193909
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.659500003
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1381.27319
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-211.204605
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-351.286987
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	500
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	311.366699
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-610.381775
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	68
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1116.15503
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	189
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1366.49426
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.2625999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.9835
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-381.978912
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2778.07935
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.104900002
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1032.47644
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.85540009
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	54.3914986
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4097064923
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32

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PsaAgArbn_Per1

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-74.5108032	-74.5108032	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1483.61011	1483.61011	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.27396607	2.27396607	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-381.474854	-381.474854	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	150.807556	150.807571	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-211.204605	-211.204605	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-351.286987	-351.286987	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	70.0411911	70.0411911 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	281.245789	281.245789	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.104900002	0.104900002 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1032.47644	1032.47644 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.37 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-827.982605
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1603.48462
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.9453001
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1201.90564
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.719399989
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-482.56369
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1317.96362
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1041.90393
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-412.327393
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	386.435791
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1068.63464
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1210.91931
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	50
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3018.82813
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	182
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-812.461121
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.1420002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.80000019
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	146.715302
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2506.83447
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.126200005
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	558.386292
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.75509977
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	213.472
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	242180344
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	818.603149	818.603149	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	806.319092	806.319092	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.78148365	-5.78148413	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	442.801758	442.801727	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-134.269501	-134.269516	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1041.90393	1041.90393	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-412.327393	-412.327393	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1068.63464	1068.63464	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1210.91931	1210.91931	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	727.115662	727.115662 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-314.788269	-314.788269	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.126200005	0.126200005 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	558.386292	558.386292 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.38 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-231.826706
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1306.5697
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.35650015
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1338.89136
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.291799992
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	636.109619
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-545.5755
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1332.60645
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1558.89136
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	83.1557007
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-248.5457
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	143
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1512.15002
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	95
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1295.02075
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.8003998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.9829998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1248.18567
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2293.16431
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	38.4477005
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.752699971
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	498.029114
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3371889947

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1314.82117	1314.82117	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1275.22034	1275.22034	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.98560953	-5.98560953	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1312.42346	-1312.42346	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	9.45098877	9.45098877	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1332.60645	1332.60645	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1558.89136	-1558.89136	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	83.1557007	83.1557007	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-248.5457	-248.5457	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1445.7489	1445.7489 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	113.142456	113.142456	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	38.4477005	38.4477005 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.39 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-794.705994
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	225.226395
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.95100021
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1058.77185
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-687.805176
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-626.966492
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1487.70593
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-476.309814
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	0
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	536.888672
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-373.125
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	139

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5964.04736
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	140
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-877.408325
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.8092003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.86539984
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-459.628296
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1202.66003
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.808399975
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1185.68164
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.69990015
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	152.199203
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2638953864
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-794.705994	-794.705994	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	225.226395	225.226395	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.83914852	6.83914852	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-456.743286	-456.743317	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-120.975769	-120.975746	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1202.66003	1202.66003	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1487.70593	-1487.70593	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-476.309814	-476.309814	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.808399975	0.808399975 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1185.68164	1185.68164 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1202.66003	1202.66003 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.40 (Repeat Count = 1)	✔
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-793.931519
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1426.70361
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.06730008
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-224.168304
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.593800008
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	676.283691
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	565.619873
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-53.8044014
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1418.12878
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	30
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-148.689697
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1407.40698
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	131
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4623.05518
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	184
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-646.939209
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	25.5165005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.36229992
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-398.126892
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-132.9021
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.398799986
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	688.407715
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.9993
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	80.1115036
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1576935450
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-793.931519	-793.931519	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1426.70361	-1426.70361	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.3617394	3.3617394	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-327.464905	-327.464905	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-108.650269	-108.65023	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-132.9021	-132.9021	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-53.8044014	-53.8044014	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1418.12878	1418.12878	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-815.06427	-815.06427	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.398799986	0.398799986 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	688.407715	688.407715 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-132.9021	-132.9021 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.41 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1009.64618	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1055.03711	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.8451004	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.44600001	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-87.3874969	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.700999975	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-690.376282	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.44600001	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1599.18518	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1383.97668	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	452.920013	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	9.45779991	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	

Name	Input Value
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1297.21729
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1381.24133
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	70
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	750.398987
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	94
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-833.791077
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.3924007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91949987
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1144.89453
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3185.52173
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1027.33032
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.08789992
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	136.093307
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	170336531
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	851.183472	851.183472	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	816.398682	816.398682	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.36808825	2.36808848	✓

Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	776.442139	776.4422	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-367.936188	-367.936188	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1383.97668	1383.97668	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	452.920013	452.920013	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	465.52832	465.52832 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-918.448364	-918.448364	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1027.33032	1027.33032 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.42 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-649.05249	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	304.200897	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.44630003	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.709999979	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	597.606384	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-843.718323	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.709999979	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	506.064301	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	72.6340027	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	115.175201	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	

Name	Input Value		
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	722.239319		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1019.8017		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2814.17651		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	65		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1235.88135		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.0182991		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.43179989		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-174.668793		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	660.287415		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1401.12085		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.13430023		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	353.609314		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3829140069		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-649.05249	-649.05249	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	304.200897	304.200897	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.01600504	5.01600504	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-173.201416	-173.201462	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-337.368225	-337.368225	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	660.287415	660.287415	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	72.6340027	72.6340027	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	115.175201	115.175201	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	566.382813	566.382813	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1401.12085	1401.12085 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	660.287415	660.287415 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.43 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1185.28809
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	928.970276
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.49819994
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-92.1917038
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.736599982
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-390.101807
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-362.694397
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-992.132996
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1066.06055
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	0
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1169.10486
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-150.359299
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	240
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3287.83887
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	91
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-360.213989
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.3966999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.23659992
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-732.558716
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-454.057495
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	868.447876
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.89699996
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	160.991699
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1262548183
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1185.28809	1185.28809	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	928.970276	928.970276	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.21810389	6.21810341	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-563.886047	-563.886047	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	41.3065796	41.3065948	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-992.132996	-992.132996	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1066.06055	-1066.06055	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1169.10486	-1169.10486	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-150.359299	-150.359299	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	36.9637756	36.9637756 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1029.0968	1029.0968	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	868.447876	868.447876 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.44 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1599.84436	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1114.26831	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.74520016	

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-140.947403
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	131.212296
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1546.20557
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1324.3064
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	399.61911
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	30
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1596.31458
target_Pim_PsaAgArbnLrndOffsData.MinOffset	597.779724
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	70
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8434.18555
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	74
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	721.927795
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.6128006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.02340031
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-147.593903
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2571.32886
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.203199998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	171.876907
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.14480019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	371.765198
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3187624358
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1599.84436	-1599.84436	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1114.26831	-1114.26831	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.99913979	7.99913979	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-147.581268	-147.581268	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	162.064301	162.064285	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1324.3064	-1324.3064	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	399.61911	399.61911	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1596.31458	1596.31458	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	597.779724	597.779724	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	462.343658	462.343658	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.203199998	0.203199998 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	171.876907	171.876907 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 4.45 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	590.207092
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	90.7249985
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.77509975
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-323.571899
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	381.795502
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1559.88147
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	21.5925007
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	553.691101
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	19.6597004
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1677.23389
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1275.32166
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	182
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1832.09888
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	192
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-453.929901
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.90229988
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.66540003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	916.383728
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-448.690887
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.189700007
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1579.93152
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.886600018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	387.038391
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4043529197
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	590.207092	590.207092	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	90.7249985	90.7249985	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.64366341	-1.64366293	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	914.02771	914.027771	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-17.6794128	-17.6794186	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-448.690887	-448.690887	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	21.5925007	21.5925007	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	553.691101	553.691101	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-736.332642	-736.332703	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.189700007	0.189700007 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1579.93152	1579.93152 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-448.690887	-448.690887 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.46 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1170.55933
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1359.57666
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.37600005
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1136.82776
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.793299973
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	104.686996
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-789.679321
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1486.8949
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-623.402405
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1285.91992
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1135.43445
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2

Name	Input Value
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	94
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5231.77393
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	163
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	213.674393
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.1703997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-699.501099
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1592.54211
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.56309998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1323.25452
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.87489986
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.888702
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4036353794
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1170.55933	-1170.55933	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1359.57666	1359.57666	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.97838497	9.97838497	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-789.896545	-789.896545	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	158.889923	158.889923	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1486.8949	1486.8949	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-623.402405	-623.402405	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1285.91992	-1285.91992	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1135.43445	1135.43445	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1055.14868	1055.14868 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-431.746277	-431.746277	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.56309998	0.56309998 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1323.25452	-1323.25452 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.47 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	425.068207	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1565.802	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.54050004	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1140.47986	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.935400009	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-235.278595	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1523.64746	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	429.16571	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1042.15356	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-662.50293
target_Pim_PsaAgArbnLrndOffsData.MinOffset	247.685501
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	198
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4588.6748
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	193
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	734.377319
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.3459997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.92619991
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-772.227722
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2270.36133
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.293500006
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-799.319885
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.74100018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	30.4377003
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3001715770
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	425.068207	425.068207	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1565.802	-1565.802	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.91771317	-2.91771317	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-648.666748	-648.666809	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-168.433167	-168.433167	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	429.16571	429.16571	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1042.15356	-1042.15356	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-662.50293	-662.50293	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	247.685501	247.685501	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	735.659668	735.659668 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	306.493896	306.493896	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.293500006	0.293500006 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-799.319885	-799.319885 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.48 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	861.893616
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-721.249023
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.188999996
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	106.880402
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.121200003
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	345.333191
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1144.7948
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1470.07495
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	469.5849
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1

Name	Input Value
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1521.30603
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1348.86011
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	101
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4036.03345
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	3
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-908.058777
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.7033005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-9.2244997
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-385.170502
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3143.00757
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.666899979
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1403.88513
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.90579987
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	208.583603
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1118113447
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	932.762085	932.762085	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	883.355469	883.355469	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.20661354	-9.20661354	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	47.2438316	47.2438316	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	121.858643	121.85865	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1470.07495	1470.07495	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	469.5849	469.5849	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	500.245026	500.245026 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-969.829956	-969.829956	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.666899979	0.666899979 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1403.88513	1403.88513 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.49 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	155.520798
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	458.842407
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.74749994
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1146.10535
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.105899997
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-302.151703
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1316.84729
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	664.670471
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-346.154694
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001

Name	Input Value		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.347499996		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	83.8779984		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	829.147705		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	74		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8667.39355		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	32		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	493.73111		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.6906004		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	7.10029984		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-508.5737		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1935.32715		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.86680001		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1395.35559		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.80140018		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	141.114502		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3745617441		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwC	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	155.520798	155.520798	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	458.842407	458.842407	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.09012938	7.09012938	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1078.5907	-1078.5907	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	116.06665	116.066658	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	664.670471	664.670471	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-346.154694	-346.154694	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	83.8779984	83.8779984	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	829.147705	829.147705	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	505.412598	505.412598 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-159.257904	-159.257904	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.86680001	0.86680001 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1395.35559	1395.35559 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.50 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	234.228607	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-27.2514	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.42680001	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.996999979	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1305.75671	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.406899989	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-558.474304	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.996999979	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1395.83826	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	

Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1538.76306
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-615.59552
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1616.84644
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1063.50562
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	191
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7227.70605
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	239
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1175.3728
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.633899987
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.409000009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	169.109604
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	915.017029
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.27610001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1055.87561
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	272.420685
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3846611823
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	234.228607	234.228607	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-27.2514	-27.2514	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.412053466	0.412053436	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	843.255005	843.255005	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	164.728821	164.728851	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1538.76306	1538.76306	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-615.59552	-615.59552	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1616.84644	-1616.84644	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1063.50562	1063.50562	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1077.17932	1077.17932 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-461.583801	-461.583801	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.27610001	0.27610001 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1055.87561	1055.87561 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.51 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-39.1763
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-420.722107
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.3664999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-120.744598
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1515.88611
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-506.53421
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	8.00879955
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-3
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	122.090599
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-874.687683
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	196
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7976.87793
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	15
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	139.103806
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.176200002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.27310002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2333.09912
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.181600004
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-176.625397
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.65530014
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	446.615692
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1746598226
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-39.1763	-39.1763	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-420.722107	-420.722107	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.25478458	1.25478458	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-162.405884	-162.405869	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-506.53421	-506.53421	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	8.00879955	8.00879955	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	249.262711	249.262711	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.181600004	0.181600004 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-176.625397	-176.625397 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.52 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	72.3514023
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	827.786926
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.34100008
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	139.035202
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	538.645691
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1553.86414
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1629.09375
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1197.43506
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-923.89032
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	138
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6668.71826
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	155
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	45.1954002
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.5023003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.99919987
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	658.856323
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.869099975
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-471.036713
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.81260014
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	340.830811
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2259512648
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	72.3514023	72.3514023	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	827.786926	827.786926	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.97765398	-6.9776535	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	140.811798	140.811813	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1553.86414	-1553.86414	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1629.09375	-1629.09375	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	37.6148071	37.6148071 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1591.479	1591.479	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.869099975	0.869099975 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-471.036713	-471.036713 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.53 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1607.18738
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	196.314102
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.58979988
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.565599978
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-823.600281
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.565599978
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-545.5755
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-357.496796
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-85.2954025
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	6.87960005
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1094.28882
target_Pim_PsaAgArbnLrndOffsData.MinOffset	210.5923
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	143
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1512.15002
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	95
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1295.02075
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.8003998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.9829998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2293.16431
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	38.4477005
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.752699971
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	498.029114
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	455975479
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1607.18738	-1607.18738	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	196.314102	196.314102	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.50899363	-4.50899363	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-353.101227	-353.101196	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-357.496796	-357.496796	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-85.2954025	-85.2954025	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1094.28882	-1094.28882	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	210.5923	210.5923	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	221.396088	221.396088	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	38.4477005	38.4477005 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.54 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	420.509705	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-491.456207	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.87419987	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-93.8478012	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1507.10229	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1661.89514	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1530.89038	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-400.74469
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1105.9259
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	171
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	630.507202
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	144
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	50.3893013
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.201700002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.55780029
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	754.437805
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1031.68079
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.61149979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	346.903198
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2160934388
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-400.74469	-400.74469	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1105.9259	1105.9259	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	8.52847958	8.52847958	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-154.256775	-154.25679	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	630.507202	630.507202	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-400.74469	-400.74469	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1105.9259	1105.9259	✔

TEST DETAILS REPORT

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PsaAgArbn_Per1

Razorcat

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-400.74469	-400.74469	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1105.9259	1105.9259	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	277.916626	277.916626	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1031.68079	1031.68079 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	630.507202	630.507202 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.55 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1511.52148
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	824.540405
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.19309998
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0432000011
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-345.987213
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0432000011
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-439.535706
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-437.037415
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-946.081299
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5

Name	Input Value
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-1.98640001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	991.428894
target_Pim_PsaAgArbnLrndOffsData.MinOffset	588.028625
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	70
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4626.45898
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	115
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	575.061096
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.7360992
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2879.2124
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.987900019
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-910.389587
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.65049982
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	318.874603
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1077767932
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1511.52148	1511.52148	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	824.540405	824.540405	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.57355809	1.57355809	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-324.355469	-324.355469	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-437.037415	-437.037415	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-946.081299	-946.081299	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	254.521942	254.521942 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	691.559326	691.559326	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.987900019	0.987900019 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-910.389587	-910.389587 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.56 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	18.4104004
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-967.398987
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.94460011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-535.14978
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-362.694397
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1643.00476
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-188.545105
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20

Name	Input Value
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1084.86548
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1162.54407
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	240
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3287.83887
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	91
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-360.213989
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.3966999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.23659992
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-454.057495
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	868.447876
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.89699996
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	160.991699
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1849377109
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓

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PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	18.4104004	18.4104004	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-967.398987	-967.398987	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.23224497	6.23224497	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	41.0309448	41.0309448	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1643.00476	-1643.00476	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-188.545105	-188.545105	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1084.86548	-1084.86548	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1162.54407	1162.54407	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	915.774963	915.774963	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	868.447876	868.447876 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.57 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	663.415588
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-905.153687
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.05449963
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	714.880127
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	361.156311
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	126.850601
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1201.73865
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1565.6377
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	85
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3207.93604
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	149
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1026.22205
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.0427999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	378.540588
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1598.12744
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	407.179108
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2107340813
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	663.415588	663.415588	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-905.153687	-905.153687	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.0153036118	-0.0153036118	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	378.540588	378.540588	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	361.156311	361.156311	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	126.850601	126.850601	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	117.152855	117.152855 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	134.53714	134.53714	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1598.12744	-1598.12744 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	378.540588	378.540588 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 4.58 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-268.908813
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1028.44727
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.5848
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.755299985
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	506.064301
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	704.978577
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1001.3587
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1331.93274
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-763.194214
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2814.17651
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	65
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1235.88135
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.0182991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	660.287415
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1401.12085
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	353.609314
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3658920130
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-268.908813	-268.908813	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1028.44727	1028.44727	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.632500648	0.632500589	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	660.287415	660.287415	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	704.978577	704.978577	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1001.3587	1001.3587	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-192.881226	-192.881226	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1401.12085	1401.12085 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	660.287415	660.287415 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.59 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1424.80432
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	862.639526
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.09030008
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	948.403809
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	314.441101
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1122.68713
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.758599997
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
tK	_Veh

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lg	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1424.80432	-1424.80432	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	862.639526	862.639526	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.0115718842	0.0115718842	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	314.441101	314.441101	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1122.68713	1122.68713	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-718.564087	-718.564087	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.825699985	0.825699985 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	598.70929	598.70929 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.60 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-727.503601
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1340.13489
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.5625999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.108599998
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-789.679321
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1390.80981
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	991.872925
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	873.844788
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1212.45569
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	94
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5231.77393
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	163
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	213.674393
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.1703997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1592.54211
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.56309998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1323.25452
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.888702
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2766931401
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-727.503601	-727.503601	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1340.13489	1340.13489	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.28430152	-2.28430152	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1390.80981	-1390.80981	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	991.872925	991.872925	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	873.844788	873.844788	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1212.45569	-1212.45569	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	199.468384	199.468384	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.56309998	0.56309998 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1323.25452	-1323.25452 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.61 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-170.946198	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	56.5750008	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	785.146912	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	525.890503	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1002.44983	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	

Name	Input Value
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	529.09021
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1207.85156
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	6
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9617.26367
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	244
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1062.97046
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.30599999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-336.760895
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.79430002
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-173.369705
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	386.346405
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	224060453
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0{	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lr	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-170.946198	-170.946198	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	56.5750008	56.5750008	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-336.760895	-336.760895	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	525.890503	525.890503	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1002.44983	-1002.44983	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	764.170166	764.170166 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-98.4812012	-98.4812317	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.79430002	0.79430002 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-173.369705	-173.369705 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-336.760895	-336.760895 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.62 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1652.90625
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1174.80237
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-789.679321
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	996.327271
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	437.287506
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1

Name	Input Value
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-594.365723
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-338.455811
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	94
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5231.77393
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	163
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	213.674393
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.1703997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1592.54211
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.56309998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1323.25452
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.888702
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3848187930
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1652.90625	1652.90625	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1174.80237	-1174.80237	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	996.327271	996.327271	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	437.287506	437.287506	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-594.365723	-594.365723	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-338.455811	-338.455811	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	279.519897	279.519897 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-716.807373	-716.807373	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.56309998	0.56309998 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1323.25452	-1323.25452 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.63 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1444.01392
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-366.681488
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-673.473022
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-32.0180016
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-762.540283
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20

Name	Input Value
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.7895999
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-396.061096
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1163.37854
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	191
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5479.21094
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	165
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	360.273285
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.6231995
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1776.20618
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	320.953186
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	466.105499
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2070309870
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-339.650085	-339.650085	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-380.896484	-380.896484	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-32.0180016	-32.0180016	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-762.540283	-762.540283	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	365.261139	365.261139 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	397.279144	397.279144	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	320.953186	320.953186 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.64 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1433.22314
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1149.05188
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1395.83826
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL

Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-374.642609
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1121.69531
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1326.32495
target_Pim_PsaAgArbnLrndOffsData.MinOffset	820.351379
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	191
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7227.70605
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	239
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1175.3728
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.633899987
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	915.017029
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.27610001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1055.87561
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	272.420685
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	675081572
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32

PsaAgArbn_Per1

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1433.22314	1433.22314	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1149.05188	-1149.05188	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-374.642609	-374.642609	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1121.69531	1121.69531	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1326.32495	-1326.32495	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	820.351379	820.351379	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-373.526367	-373.526367	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.27610001	0.27610001 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1055.87561	1055.87561 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.65 (Repeat Count = 1)   ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	275.482788
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1484.7417
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-445.087585
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	861.660095
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1377.43616
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	842.359009
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-37.2011986
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	142
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4883.67188
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	37
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	15.8147001
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.2519002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2574.25293
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-995.89209
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	60.9239006
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4171581838
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	275.482788	275.482788	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1484.7417	-1484.7417	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	861.660095	861.660095	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1377.43616	-1377.43616	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1119.5481	1119.5481 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	257.888062	257.888062	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-995.89209	-995.89209 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.66 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-390.441315
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-864.19519
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1011.18073
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-409.400513
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	994.957886
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	10000
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1444.7085
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-837.31488
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	190
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2400.30249
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	255
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	559.363708
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	8.02980042
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1333.80835
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	709.997314
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	18.0622997
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3885531577
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-390.441315	-390.441315	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-864.19519	-864.19519	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-409.400513	-409.400513	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	994.957886	994.957886	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1444.7085	-1444.7085	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-837.31488	-837.31488	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-292.778687	-292.778687	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	709.997314	709.997314 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.67 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	235.6306
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-760.660706
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-789.679321
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1626.07605
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1383.00977
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	3452
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1608.31848
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1296.26855
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	94
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5231.77393
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	163
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	213.674393
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.1703997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1592.54211
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.56309998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1323.25452
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.888702
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1830196987
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	235.6306	235.6306	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-760.660706	-760.660706	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1626.07605	1626.07605	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1383.00977	1383.00977	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1608.31848	-1608.31848	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1296.26855	1296.26855	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	121.533142	121.533142 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1504.54297	-1504.54297	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.56309998	0.56309998 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1323.25452	-1323.25452 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 4.68 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	715.249817
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	351.862915
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1427.79004
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1358.28674
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1076.85376
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	655.562378
target_Pim_PsaAgArbnLrndOffsData.MinOffset	133.1492
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	2

Name	Input Value
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6352.61426
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	145
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1009.63422
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.82850003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1206.38306
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.756900012
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1074.79358
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	433.865906
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1800938249
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	715.249817	715.249817	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	351.862915	351.862915	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1206.38306	1206.38306	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1358.28674	-1358.28674	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1076.85376	1076.85376	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1347.09961	1347.09961	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1347.09961	1347.09961 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1206.38306	1206.38306 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Case 5: Path Sheet	✔

Description Vector Description:

TS5.1ElpdTi_mS_T_u32 > k_PsaAgAn_VehCondMinTi_mS_u32 ==> False
TS5.2if ((PsaAgAn_SnsrMod_Cnt_M_enum != PSAAGAN_MODFAIL)==>TRUE &&
TS5.3else if ((EscOffsEna_Cnt_T_lgc != D_FALSE_CNT_LGC)==>TRUE &&
TS5.4else if ((EscOffsEna_Cnt_T_lgc != D_FALSE_CNT_LGC)==>TRUE &&
TS5.5else if ((AlignedCumMechMtrPosStatus_Cnt_T_u08 != D_ALGNDRELPOSNSTSINI_CNT_U08)==>FALSE &&
TS5.6else if ((AlignedCumMechMtrPosStatus_Cnt_T_u08 != D_ALGNDRELPOSNSTSINI_CNT_U08)==>TRUE &&
TS5.7if ((AlignedCumMechMtrPosStatus_Cnt_T_u08 != D_ALGNDRELPOSNSTSVLD_CNT_U08)==>FALSE ||
TS5.8if ((AlignedCumMechMtrPosStatus_Cnt_T_u08 != D_ALGNDRELPOSNSTSVLD_CNT_U08)==>FALSE ||
TS5.9if (CumMechMtrPosStatus_Cnt_T_u08 != D_RELPOSNSTSVLD_CNT_U08)==>FALSE
TS5.10if (((PsaAgAn_UsedOffs_Uls_M_str.MaxOffset - PsaAgAn_UsedOffs_Uls_M_str.MinOffset) < (EscMaxOffset_HwDeg_T_f32 - EscMinOffset_HwDeg_T_f32))==>TRUE &&
TS5.11if (((PsaAgAn_UsedOffs_Uls_M_str.MaxOffset - PsaAgAn_UsedOffs_Uls_M_str.MinOffset) < (EscMaxOffset_HwDeg_T_f32 - EscMinOffset_HwDeg_T_f32))==>TRUE &&
TS5.12if ((PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODABSLT)==>TRUE &&
TS5.13if ((PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODABSLT)==>TRUE &&
TS5.14else if ((PsaAgAn_SnsrMod_Cnt_M_enum != PSAAGAN_MODININ)==>TRUE &&
TS5.15Limit_m(TempAbsltHwPosnPrecision_HwDeg_T_f32 >= D_OFFSMAXLIM_HWDEG_F32) ==> TRUE

Test Step 5.1 (Repeat Count = 1)	✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

Name	Input Value
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	117
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9611.41406
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	186
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-415.338287
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.8812008
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.77960002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-475.391815
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1191.08826
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.70539999
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-620.122192
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.04090023
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1.45940006
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	0
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	715.249817	715.249817	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	351.862915	351.862915	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1358.28674	-1358.28674	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1076.85376	1076.85376	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	140.716553	140.716553	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.70539999	0.70539999 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-620.122192	-620.122192 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.2 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1605.78235
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1677.14746
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1540.29199
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	797.620483
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	640.232422
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	15.2937002
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	0.377700001
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.2798004
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	154.741394
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-915.303101
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1204.40405
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.793200016
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.68149996
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.171900004
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.90759993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.53820038
k_PsaAgAn_VehCondMinTi_mS_u32	1384
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1050.95959
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	59
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	934.842773
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	151
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-302.883606
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.755699992
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2545.06909
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.628499985
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1147.90259
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	0
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2155681299
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1050.95959	1050.95959	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	934.842773	934.842773	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1050.95959	1050.95959	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1050.95959	1050.95959	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	525.479797	525.479797 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	409.362976	409.362976	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.628499985	0.628499985 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1147.90259	1147.90259 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	934.842773	934.842773 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	Count	**Expected Function**	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.3 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019	

Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2320436378
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1678.96814	1678.96814	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	670.831177	670.831177	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1678.96814	1678.96814	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	670.831177	670.831177	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814	1678.96814	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177	670.831177	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	504.068481	504.068481 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	455.100342	455.100342	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.4 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0

Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	253
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2320436378
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsItHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	598.767212	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	717.393677	717.393677	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1047.37207	1047.37207	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value	138.359619	138.359619	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.5 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1

Name	Input Value
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	0
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2320436378
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	598.767212	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	717.393677	717.393677	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1047.37207	1047.37207	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	138.359619	138.359619	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.6 (Repeat Count = 1)	✔
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	1
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2320436378
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	598.767212	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	717.393677	717.393677	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1047.37207	1047.37207	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1491.64038	-1491.64038	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1491.64038	-1491.64038 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
ESCOffsMngr	1	ESCOffsMngr	1	✔	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔	
SnsrMon	1	SnsrMon	1	✔	
SnsrSupv	1	SnsrSupv	1	✔	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔	
RecommendedState	1	RecommendedState	1	✔	
VehCondChk	1	VehCondChk	1	✔	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔	
SwitchOffs	1	SwitchOffs	1	✔	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔	

Test Step 5.7 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992	
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993	
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	

Name	Input Value
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2320436378
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1678.96814	1678.96814	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	670.831177	670.831177	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1678.96814	1678.96814	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	670.831177	670.831177	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814	1678.96814	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177	670.831177	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	504.068481	504.068481 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	455.100342	455.100342	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.8 (Repeat Count = 1)   ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013

Name	Input Value
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	1
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2320436378
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	598.767212	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814	1678.96814	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177	670.831177	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	138.359619	138.359619	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.9 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	

Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2320436378
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_u08	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	598.767212	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	717.393677	717.393677	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1047.37207	1047.37207	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1491.64038	-1491.64038	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1491.64038	-1491.64038 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.10 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983

Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	577.226013
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	50
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2978179701
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	849.708801	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.88630867	-6.88630819	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-230.438599	-230.438538	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-26.3596191	-26.3596306	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.50867	-1071.50867	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.11 (Repeat Count = 1)	✔
Name	**Input Value**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	577.226013
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	50
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2978179701
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	849.708801	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.88630867	-6.88630819	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-230.438599	-230.438538	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-26.3596191	-26.3596306	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.50867	-1071.50867	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.12 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	577.226013
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2

Name	Input Value
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2978179701
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	1	✔
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	849.708801	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.88630867	-6.88630819	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-230.438599	-230.438538	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-26.3596191	-26.3596306	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508	-227.701508	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405	-215.790405	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1600	1600 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.13 (Repeat Count = 1)		✔
Name	**Input Value**	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	577.226013	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	0	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	

Name	Input Value
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2978179701
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0:	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	849.708801	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.88630867	-6.88630819	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-230.438599	-230.438538	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-26.3596191	-26.3596306	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508	-227.701508	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405	-215.790405	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✓
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 5.14 (Repeat Count = 1) ✓

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.25629997
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-674.417419
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	939.021118
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	68.1901016
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	26.5265007
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.2961998
k_PsaAgAn_EpsPrec_HwDeg_f32	15.4428997
k_PsaAgAn_MinPrecFail_HwDeg_f32	44.0638008
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	476.084015
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1591.73352
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0

Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.5474		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10		
k_PsaAgAn_VehCondMinTi_mS_u32	1497		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.91455		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	377.772797		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7434.5957		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1438.44604		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.64780045		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.900900006		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-543.972717		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	575.169373		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0966999978		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1540.26025		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.71500003		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	224.617203		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4141706336		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699	191.881699	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213	339.556213	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.00062895	2.00062871	✓

Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-323.446198	-323.446198	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-204.408386	-204.408371	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	575.169373	575.169373	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	191.881699	191.881699	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521	-942.6521	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	476.084015	476.084015	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1591.73352	1591.73352	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	567.266907	567.266907 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	950.554626	950.554565	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0966999978	0.0966999978 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1540.26025	1540.26025 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	575.169373	575.169373 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 5.15 (Repeat Count = 1) ✔

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1459.69446
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	498.445801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.59350002
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1350
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	712.353882
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1315.08752
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

Name	Input Value		
k_CmnSysTrqRatio_HwNmpMtrNm_f32	47.3139992		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	14.8210001		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.53679991		
k_PsaAgAn_EpsPrec_HwDeg_f32	7.92469978		
k_PsaAgAn_MinPrecFail_HwDeg_f32	108.7286		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-315.588287		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	214.716599		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.75830007		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.98029995		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.83860004		
k_PsaAgAn_VehCondMinTi_mS_u32	7181		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	822.940918		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1510.28345		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	137		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3196.17456		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	187		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1630		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.643999994		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.1553998		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1211.9668		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2941.72778		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.168200001		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1499.7854		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.37270021		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	184.215698		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1802671146		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✔
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1638.56873	1638.56873	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1621.43127	1621.43127	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.14673233	-6.14673233	✔
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1207.09912	-1207.099	✔
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	343.378937	343.378937	✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✔
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✔
PsaAgAn_StInit_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	822.940918	822.940918	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1510.28345	1510.28345	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1679	1679 ± 1e-05	✔
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✔
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✔
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✔
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.168200001	0.168200001 ± 1e-05	✔
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1499.7854	1499.7854 ± 0.00001	✔
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✔
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	✔
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✔
SnsrMon	1	SnsrMon	1	✔
SnsrSupv	1	SnsrSupv	1	✔
RecommendedState	1	RecommendedState	1	✔
VehCondChk	1	VehCondChk	1	✔
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✔
SwitchOffs	1	SwitchOffs	1	✔
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

TEST DETAILS REPORT

Project	PsaAgArbn_CF039A
Module	PsaAgArbn
Test Object	PsaAgArbn_SCom_PsaAaCmd

Instrumentation: Test Object Only

Statement (C0) Coverage	80 %
Decision Coverage	73.33 %
Branch (C1) Coverage	73.33 %
MC/DC Coverage	73.33 %

Statistics

Total Testcases	4
Successful	4 ✔
Failed	0
Not Executed	0

Module Properties

Project Root Directory	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP
Configuration File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\PsaAgArbn\src\Ap_PsaAgArbn.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D__inline= -D_extern= -Dconst= -I$(PROJECTROOT)\PsaAgArbn\tools\Contract -I$(PROJECTROOT)\PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D__inline= -D_extern= -Dconst= -I$(PROJECTROOT)\PsaAgArbn\tools\Contract -I$(PROJECTROOT)\PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'PsaAgArbn'	********************************* Unit Test Information *********************************** Name of Tester: Ashish John Code File(s) Under Test:Ap_PsaAgArbn.c Code File(s) Version: 6 Module Design Document:PsaAgArbn_MDD.docx Module Design Document Version:4 Data Dictionary Version: 6 Unit Test Plan Version:5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes): 3380 Total RAM Used (Bytes): 75 Total CALS Used (Bytes): 86 Special Test Requirements:NA Test Date:3/3/2018 Comments: Note1: The Inline functions are not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3: The Expected outputs are calculated from MATLAB model. Note4: Local functions "ESCOffsMngr" , "OffsConsistencyFltMngt" , "SnsrMon", "SnsrSupv","RecommendedState", "GenRawAbsltHwPosnSignals","VehCondChk" and "SwitchOffs" are not tested individually as they are tested in function "PsaAgArbn_Per1". For snapshot please refer "PsaAgArbn_PsaAgArbn_Per1_Coverage". Note5: In function "ESCOffsMngr", low path Coverage for MC/DC exists at source line no. 1267. **

Attributes	
Name	**Value**
Compiler Install Path	$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\obj

Attributes

Name	Value
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(TESSY_SYSPATH)\compiler\ti\tms470\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metric Test ✔

Description Vector Description:

TS1.1"Shortest execution path:
if (PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc != D_FALSE_CNT_LGC)==>F"
TS1.2"Longest execution path:
if (PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc != D_FALSE_CNT_LGC)==>T && switch
(DiagCmd_Cnt_enum)==>PSAAGARBNDIAGCMDREQ_DIAGCENTR &&
if (PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODABSLT)==>T"

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	0
k_PsaAgAn_EpsPrec_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	966.058411
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	695.856323
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-5.78649998
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-230.894302
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1210.87109
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-920.167603
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-958.922424
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-2.78649998	-2.78649998	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-8.78649998	-8.78649998	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-2.78649998	-2.78649998	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-8.78649998	-8.78649998	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-2.78649998	-2.78649998	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-8.78649998	-8.78649998	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Case 2: Range Sheet ✔

Description Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3DiagCmd_Cnt_enum==>PSAAGARBNDIAGCMDREQ_DIAGNOACTN
TS2.4DiagCmd_Cnt_enum==>PSAAGARBNDIAGCMDREQ_DIAGRSTREQ
TS2.5DiagCmd_Cnt_enum==>PSAAGARBNDIAGCMDREQ_DIAGCENTR

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	0
k_PsaAgAn_EpsPrec_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0

Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.2 (Repeat Count = 1)			✔
Name	Input Value		
DiagCmd_Cnt_enum	2		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2		
PsaAgAn_EscProc_Cnt_M_lgc	1		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	20		
k_PsaAgAn_EpsPrec_HwDeg_f32	20		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1670	1670	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1590	1590	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1670	1670	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1590	1590	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 2.5 (Repeat Count = 1)	✔

Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
none	0	*** No Call Expected ***		0	✔

Test Case 3: PIM Range Sheet	✔

Description Vector Description:

TS3.1PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc==>Min
TS3.2PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc==>Max
TS3.3PsaAgAn_SnsrMod_Cnt_M_enum=>PSAAGAN_MODININ
TS3.4PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODREL
TS3.5PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODABSLT
TS3.6PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODFAIL
TS3.7PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Min
TS3.8PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Max
TS3.9PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Pos
TS3.10PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Zero
TS3.11PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Neg

Test Step 3.1 (Repeat Count = 1)	✔

Name	Input Value
DiagCmd_Cnt_enum	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1577.36597
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	363.148285
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	695.856323
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	158.610596
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-230.894302
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	603.284302
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1438.34387
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1577.36597	1577.36597	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	363.148285	363.148285	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	158.610596	158.610596	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-230.894302	-230.894302	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	603.284302	603.284302	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1438.34387	1438.34387	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

TEST DETAILS REPORT

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
none	0	*** No Call Expected ***		0	✔

Test Step 3.2 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1054.88733
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	165.316193
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	561.308289
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-414.77771
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-961.815491
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1539.43567
target_Pim_PsaAgArbnLrndOffsData.MinOffset	695.936096
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1054.88733	1054.88733	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	165.316193	165.316193	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-414.77771	-414.77771	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-961.815491	-961.815491	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1539.43567	1539.43567	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	695.936096	695.936096	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
none	0	*** No Call Expected ***		0	✔

Test Step 3.3 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1093.96155
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1129.74146
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	371.997192
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-227.5578
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1438.34387
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1

Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1096.8031		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1210.87109		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	374.997192	374.997192	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	368.997192	368.997192	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	374.997192	374.997192	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	368.997192	368.997192	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1096.8031	-1096.8031	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1210.87109	1210.87109	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 3.4 (Repeat Count = 1)				✔
Name	**Input Value**			
DiagCmd_Cnt_enum	2			
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1397.49915			
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1588.20093			
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2			
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0			
PsaAgAn_EscProc_Cnt_M_lgc	1			
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-680.833801			
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1			
PsaAgAn_ResetEsc_Cnt_M_lgc	0			
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL			
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	281.804413			
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	695.936096			
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0			
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0			
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k_PsaAgAn_DiagPrec_HwDeg_f32	2			
k_PsaAgAn_EpsPrec_HwDeg_f32	1			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630			
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0			
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1384.46863			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	6.48530006			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2			
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-677.833801	-677.833801	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-683.833801	-683.833801	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-677.833801	-677.833801	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-683.833801	-683.833801	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1384.46863	-1384.46863	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	6.48530006	6.48530006	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 3.5 (Repeat Count = 1)		✔
Name	**Input Value**	
DiagCmd_Cnt_enum	2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	966.058411	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	695.856323	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-5.78649998	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-230.894302	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1210.87109	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_PsaAgAn_DiagPrec_HwDeg_f32	2	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-920.167603	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-958.922424	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-2.78649998	-2.78649998	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-8.78649998	-8.78649998	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-2.78649998	-2.78649998	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-8.78649998	-8.78649998	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-2.78649998	-2.78649998	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-8.78649998	-8.78649998	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 3.6 (Repeat Count = 1)		✔
Name	**Input Value**	
DiagCmd_Cnt_enum	2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-883.044983	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	561.308289	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	

Name	Input Value		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	966.058411		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	0		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-961.815491		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1093.18896		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	549.103516		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1311.58862		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	969.058411	969.058411	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	963.058411	963.058411	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	969.058411	969.058411	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	963.058411	963.058411	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	549.103516	549.103516	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1311.58862	-1311.58862	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 3.7 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1200.32275
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	371.997192
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1438.34387
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1544.42578
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	158.610596
target_Pim_PsaAgArbnLrndOffsData.MinOffset	152.828598
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1627	-1627	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1633	-1633	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1627	-1627	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1633	-1633	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	158.610596	158.610596	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	152.828598	152.828598	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 3.8 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-278.012787
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-680.833801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	695.936096
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	68.6708984
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630

Name	Input Value		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-414.77771		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1332.03845		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1633	1633	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1627	1627	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1633	1633	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1627	1627	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-414.77771	-414.77771	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1332.03845	1332.03845	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 3.9 (Repeat Count = 1)			✔
Name	**Input Value**		
DiagCmd_Cnt_enum	2		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1359.82544		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-5.78649998		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1165.98853		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1210.87109		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1646.62024		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.5578		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1500.92114		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1168.98853	1168.98853	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1162.98853	1162.98853	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1168.98853	1168.98853	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1162.98853	1162.98853	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.5578	-227.5578	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1500.92114	-1500.92114	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 3.10 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	29.8276005
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	640.232422
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	6.48530006
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-803.826294
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	281.804413
target_Pim_PsaAgArbnLrndOffsData.MinOffset	18.5548992
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	3	3	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-3	-3	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	3	3	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-3	-3	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	3	3	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-3	-3	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 3.11 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1488.27356
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	630.95282
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-952.98407
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-958.922424
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	43.5873985
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2

Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-230.894302
target_Pim_PsaAgArbnLrndOffsData.MinOffset	228.592407
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-949.98407	-949.98407	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-955.98407	-955.98407	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-949.98407	-949.98407	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-955.98407	-955.98407	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-949.98407	-949.98407	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-955.98407	-955.98407	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Case 4: PRM Range Sheet ✔

Description Vector Description:

TS4.1k_PsaAgAn_DiagPrec_HwDeg_f32==>Min
TS4.2k_PsaAgAn_DiagPrec_HwDeg_f32==>Max
TS4.3k_PsaAgAn_DiagPrec_HwDeg_f32==>Pos
TS4.4k_PsaAgAn_DiagPrec_HwDeg_f32==>Default
TS4.5k_PsaAgAn_EpsPrec_HwDeg_f32==>Min
TS4.6k_PsaAgAn_EpsPrec_HwDeg_f32==>Max
TS4.7k_PsaAgAn_EpsPrec_HwDeg_f32==>Pos
TS4.8k_PsaAgAn_EpsPrec_HwDeg_f32==>Default
TS4.9k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Min
TS4.10k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Max
TS4.11k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Pos
TS4.12k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Zero
TS4.13k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Neg
TS4.14k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Default
TS4.15k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Min
TS4.16k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Max
TS4.17k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Pos
TS4.18k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero
TS4.19k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Neg
TS4.20k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.21k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Min/Default
TS4.22k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Max
TS4.23k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Pos
TS4.24k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Min/Default
TS4.25k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Max
TS4.26k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Pos

Test Step 4.1 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	944.697205
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-698.308716
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1577.36597
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1

Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1544.42578
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1397.49915
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	0
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	10.1884003
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1135.35083
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1578.36597	1578.36597	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1576.36597	1576.36597	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1578.36597	1578.36597	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1576.36597	1576.36597	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	10.1884003	10.1884003	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1135.35083	-1135.35083	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 4.2 (Repeat Count = 1)		✔
Name	**Input Value**	
DiagCmd_Cnt_enum	2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1594.05237	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-96.8656998	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1054.88733	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	68.6708984	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	966.058411	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_PsaAgAn_DiagPrec_HwDeg_f32	20	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	901.53302	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	101.592903	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1075.88733	1075.88733	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1033.88733	1033.88733	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔

TEST DETAILS REPORT

Name	Actual Value	Expected Value	Result
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1075.88733	1075.88733	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1033.88733	1033.88733	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	901.53302	901.53302	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	101.592903	101.592903	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 4.3 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-293.684692
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-200.295303
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1093.96155
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1646.62024
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-883.044983
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	11.8944998
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	315.43161
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1183.90015
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1106.85608	1106.85608	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1081.06702	1081.06702	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1106.85608	1106.85608	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1081.06702	1081.06702	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	315.43161	315.43161	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1183.90015	1183.90015	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 4.4 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	2

Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	690.6026
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1345.62439
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1397.49915
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-803.826294
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1200.32275
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1474.74854
target_Pim_PsaAgArbnLrndOffsData.MinOffset	730.917786
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1400.49915	1400.49915	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1394.49915	1394.49915	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1400.49915	1400.49915	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1394.49915	1394.49915	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1400.49915	1400.49915	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1394.49915	1394.49915	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.5 (Repeat Count = 1)	✔
Name	**Input Value**
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-174.0177
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	411.950287
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	966.058411
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	43.5873985
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-278.012787
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	441.080994
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-58.3707008

TEST DETAILS REPORT

Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	968.058411	968.058411	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	964.058411	964.058411	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	968.058411	968.058411	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	964.058411	964.058411	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	441.080994	441.080994	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-58.3707008	-58.3707008	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 4.6 (Repeat Count = 1)			✔
Name	**Input Value**		
DiagCmd_Cnt_enum	2		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1459.69446		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	498.445801		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	1		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-883.044983		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1161.46826		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1359.82544		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	20		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	895.856018		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	822.940918		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-861.044983	-861.044983	✔
████████████████████████	-905.044983	-905.044983	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔

TEST DETAILS REPORT

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 4.7 (Repeat Count = 1)				✔
Name	**Input Value**			
DiagCmd_Cnt_enum	2			
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	530.220825			
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	935.277771			
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2			
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0			
PsaAgAn_EscProc_Cnt_M_lgc	0			
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1200.32275			
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1			
PsaAgAn_ResetEsc_Cnt_M_lgc	0			
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT			
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1213.65454			
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	29.8276005			
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2			
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0			
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k_PsaAgAn_DiagPrec_HwDeg_f32	2			
k_PsaAgAn_EpsPrec_HwDeg_f32	14.8765001			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630			
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0			
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-635.428711			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-486.785706			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2			
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	**Actual Value**	**Expected Value**		**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1217.19922	1217.19922		✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1183.44629	1183.44629		✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1		✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1		✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0		✔
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0		✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1217.19922	1217.19922		✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1183.44629	1183.44629		✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1		✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1		✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1217.19922	1217.19922		✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1183.44629	1183.44629		✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1		✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.8 (Repeat Count = 1)		✔
Name	**Input Value**	
DiagCmd_Cnt_enum	2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-278.012787	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	

Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-953.044312		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1071.91455		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-275.012787	-275.012787	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-281.012787	-281.012787	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-275.012787	-275.012787	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-281.012787	-281.012787	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-953.044312	-953.044312	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1071.91455	-1071.91455	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 4.9 (Repeat Count = 1)			✔
Name	**Input Value**		
DiagCmd_Cnt_enum	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	860.176392		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	658.792786		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1359.82544		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	0		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-407.68869		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	759.820374		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	669.728821		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-598.912476		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.10 (Repeat Count = 1)		✔
Name	Input Value	
DiagCmd_Cnt_enum	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-39.1184998	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-101.313499	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	29.8276005	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1585.71741	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1556.44324	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_PsaAgAn_DiagPrec_HwDeg_f32	2	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1510.28345	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	803.498779	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.11 (Repeat Count = 1)		✔
Name	Input Value	
DiagCmd_Cnt_enum	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1178.18518	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1468.76135	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	

Name	Input Value		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	363.148285		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1142.77075		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1621.20605		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	653.894226		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-859.713928		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	688.740601		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	653.894226	653.894226	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	653.894226	653.894226	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	653.894226	653.894226	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.12 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	26.1145
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	733.503479
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	165.316193
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1127.69495
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	42.8771019
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	377.772797
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1621.47705
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.13 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1398.95166
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	829.523926
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1129.74146
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1586.18396
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1385.05249
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1125.95422
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630

Name	Input Value		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1502.75696		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1451.64819		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1125.95422	-1125.95422	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1125.95422	-1125.95422	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1125.95422	-1125.95422	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace			✔
Actual Function	**Count**		

TEST DETAILS REPORT

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.15 (Repeat Count = 1)			✔
Name	**Input Value**		
DiagCmd_Cnt_enum	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1648.21484		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1075.44727		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	695.856323		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-596.825989		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	299.254608		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-117.4851		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-40.5950012		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.16 (Repeat Count = 1)		✔
Name	**Input Value**	
DiagCmd_Cnt_enum	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-656.346375	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-355.318604	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	561.308289	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	480.709106	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1546.11206	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	

Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-954.062073		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1017.06677		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock		1	✔

Test Step 4.17 (Repeat Count = 1)			✔
Name	**Input Value**		
DiagCmd_Cnt_enum	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1264.18201		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1627.09119		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	371.997192		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1180.17261		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1120.86865		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	982.561401		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	525.362671		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-838.179077		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	982.561401	982.561401	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	982.561401	982.561401	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	982.561401	982.561401	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.18 (Repeat Count = 1)		✔
Name	**Input Value**	
DiagCmd_Cnt_enum	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1576.17163	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-495.381714	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-680.833801	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	162.711105	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	496.163391	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_PsaAgAn_DiagPrec_HwDeg_f32	2	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	0	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-253.520905	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-13.0608997	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.19 (Repeat Count = 1)		✔
Name	**Input Value**	
DiagCmd_Cnt_enum	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	165.433899	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-270.454987	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	

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Name	Input Value
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-278.012787
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-16.9468002
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-592.268188
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-598.561401
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	730.917786
target_Pim_PsaAgArbnLrndOffsData.MinOffset	68.5074005
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-598.561401	-598.561401	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-598.561401	-598.561401	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-598.561401	-598.561401	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

TEST DETAILS REPORT

Test Step 4.20 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	389.222809
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1669.16943
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1359.82544
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-721.597229
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	363.148285
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-58.3707008
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1251.58252
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.21 (Repeat Count = 1) ✔

Name	Input Value
DiagCmd_Cnt_enum	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1600.63098
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	955.61908
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	29.8276005
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1577.31812
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	165.316193
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630

Name	Input Value			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	822.940918			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2			
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace	✔
Actual Function	**Count**

Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-598.912476		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.25 (Repeat Count = 1)			✔
Name	**Input Value**		
DiagCmd_Cnt_enum	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	318.293091		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	12.0402002		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	1		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-5.78649998		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1524.16016		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	561.308289		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	803.498779		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-679.068909		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔

Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Test Step 4.26 (Repeat Count = 1)		✔
Name	**Input Value**	
DiagCmd_Cnt_enum	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-751.299316	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1065.42554	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	966.058411	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	171.275299	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	371.997192	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_PsaAgAn_DiagPrec_HwDeg_f32	2	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	688.740601	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	537.732788	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✔
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	✔

Project	PsaAgArbn_CF039A
Module	PsaAgArbn
Test Object	PsaAgArbn_Init1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MC/DC Coverage	100 %

Statistics

Total Testcases	4	
Successful	4	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP
Configuration File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\PsaAgArbn\src\Ap_PsaAgArbn.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D__inline= -D_extern= -Dconst= -I$(PROJECTROOT)\PsaAgArbn\tools\Contract -I$(PROJECTROOT)\PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D__inline= -D_extern= -Dconst= -I$(PROJECTROOT)\PsaAgArbn\tools\Contract -I$(PROJECTROOT)\PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'PsaAgArbn'	*********************************** Unit Test Information *********************************** Name of Tester: Ashish John Code File(s) Under Test:Ap_PsaAgArbn.c Code File(s) Version: 6 Module Design Document:PsaAgArbn_MDD.docx Module Design Document Version:4 Data Dictionary Version: 6 Unit Test Plan Version:5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes): 3380 Total RAM Used (Bytes): 75 Total CALS Used (Bytes): 86 Special Test Requirements:NA Test Date:3/3/2018 Comments: Note1: The Inline functions are not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3: The Expected outputs are calculated from MATLAB model. Note4: Local functions "ESCOffsMngr" , "OffsConsistencyFltMngt" , "SnsrMon", "SnsrSupv","RecommendedState", "GenRawAbsltHwPosnSignals","VehCondChk" and "SwitchOffs" are not tested individually as they are tested in function "PsaAgArbn_Per1". For snapshot please refer "PsaAgArbn_PsaAgArbn_Per1_Coverage". Note5: In function "ESCOffsMngr", low path Coverage for MC/DC exists at source line no. 1267. ***

Attributes	
Name	**Value**
Compiler Install Path	$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\obj

Attributes	
Name	**Value**
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(TESSY_SYSPATH)\compiler\ti\tms470\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metric Test ✔

Description	Vector Description:

TS1.1"Shortest execution path:
if ((NVMStsReqRes_Cnt_T_enum != NVM_REQ_OK) ||((EscOffsEna_Cnt_T_lgc == D_FALSE_CNT_LGC)
&&((Rte_Pim_PsaAgArbnLrndOffsData()->MaxSrc != D_SRCNONE_CNT_U08) ||(Rte_Pim_PsaAgArbnLrndOffsData()->MinSrc != D_SRCNONE_CNT_U08))))==>F
&& if ((Rte_Pim_PsaAgArbnLrndOffsData()->MaxSrc == D_SRCNONE_CNT_U08) ||(Rte_Pim_PsaAgArbnLrndOffsData()->MinSrc == D_SRCNONE_CNT_U08)) ==>F"
TS1.2"Longest execution path:
if ((NVMStsReqRes_Cnt_T_enum != NVM_REQ_OK) ||((EscOffsEna_Cnt_T_lgc == D_FALSE_CNT_LGC)
&&((Rte_Pim_PsaAgArbnLrndOffsData()->MaxSrc != D_SRCNONE_CNT_U08) ||(Rte_Pim_PsaAgArbnLrndOffsData()->MinSrc != D_SRCNONE_CNT_U08))))==>T
&& if ((Rte_Pim_PsaAgArbnLrndOffsData()->MaxSrc == D_SRCNONE_CNT_U08) ||(Rte_Pim_PsaAgArbnLrndOffsData()->MinSrc == D_SRCNONE_CNT_U08)) ==>T"

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1235.01025
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-231.202698
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1235.01025	1235.01025	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-231.202698	-231.202698	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0

PsaAgArbn_Init1

Name	Input Value		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus		1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus		1	✔
expf	3	expf		3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus		1	✔

Test Case 2: Range Test	✔

Description   Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3EscOffsEna_Cnt_lgc==>FALSE
TS2.4EscOffsEna_Cnt_lgc==>TRUE
TS2.5Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.6Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.7Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.8Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.9Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.10Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus

Test Step 2.1 (Repeat Count = 1)	✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	0
k_PsaAgAn_MtrVelFilt_Hz_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.2 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	500
k_PsaAgAn_MtrVelFilt_Hz_f32	500
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_PinionTrqFilt_Hz_f32	500
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	5
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
			✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Init1_EscOffsEna_Cnt_Igc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.5 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15

Name	Input Value
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus		1	✔
expf	3	expf		3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus		1	✔

Test Step 2.6 (Repeat Count = 1)		✔
Name	**Input Value**	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_PsaAgAn_HwTrqFilt_Hz_f32	10	
k_PsaAgAn_MtrVelFilt_Hz_f32	15	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_PinionTrqFilt_Hz_f32	17	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*	
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0	
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_PsaAgAn_HwTrqFilt_Hz_f32	10	
k_PsaAgAn_MtrVelFilt_Hz_f32	15	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_PinionTrqFilt_Hz_f32	17	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*	
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0	
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	3
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.9 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	4
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔

Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.10 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	5
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Case 3: PIM Range Test ✔

Description   Vector Description:

TS3.1Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Min
TS3.2Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Max
TS3.3Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Pos
TS3.4Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Min
TS3.5Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Max
TS3.6Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Pos

Test Step 3.1 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15

Name	Input Value
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	914.810303
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-772.272278
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 3.2 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	445.00589
target_Pim_PsaAgArbnLrndOffsData.MinOffset	319.320709
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 3.3 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	909.408875
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1042.05835
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	3
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 3.4 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	775.089417
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-262.046112
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	4
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
expf	3	expf	3	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.5 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1314.73242
target_Pim_PsaAgArbnLrndOffsData.MinOffset	510.002197
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	5
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓

TEST DETAILS REPORT

PsaAgArbn_Init1

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Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔	
expf	3	expf	3	✔	
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 3.6 (Repeat Count = 1)		✔
Name	**Input Value**	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_PsaAgAn_HwTrqFilt_Hz_f32	10	
k_PsaAgAn_MtrVelFilt_Hz_f32	15	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_PinionTrqFilt_Hz_f32	17	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1235.01025	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-231.202698	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1	
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1235.01025	1235.01025	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-231.202698	-231.202698	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔	
expf	3	expf	3	✔	
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Case 4: PRM Range Test ✔

Description	Vector Description:

TS4.1k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Min
TS4.2k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Max
TS4.3k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Pos
TS4.4k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Zero
TS4.5k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Neg
TS4.6k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Default
TS4.7k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Min
TS4.8k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Max
TS4.9k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Pos
TS4.10k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero
TS4.11k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Neg
TS4.12k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.13k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Min/Default
TS4.14k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Max
TS4.15k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Pos
TS4.16k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Min/Default
TS4.17k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Max
TS4.18k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Pos
TS4.19k_PsaAgAn_HwTrqFilt_Hz_f32==>Min
TS4.20k_PsaAgAn_HwTrqFilt_Hz_f32==>Max
TS4.21k_PsaAgAn_HwTrqFilt_Hz_f32==>Pos
TS4.22k_PsaAgAn_HwTrqFilt_Hz_f32==>Default
TS4.23k_PsaAgAn_MtrVelFilt_Hz_f32==>Min
TS4.24k_PsaAgAn_MtrVelFilt_Hz_f32==>Max
TS4.25k_PsaAgAn_MtrVelFilt_Hz_f32==>Pos
TS4.26k_PsaAgAn_MtrVelFilt_Hz_f32==>Default
TS4.27k_PsaAgAn_PinionTrqFilt_Hz_f32==>Min
TS4.28k_PsaAgAn_PinionTrqFilt_Hz_f32==>Max
TS4.29k_PsaAgAn_PinionTrqFilt_Hz_f32==>Pos
TS4.30k_PsaAgAn_PinionTrqFilt_Hz_f32==>Default

Test Step 4.1 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1302.07825		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1572.90845		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.2 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-788.459412
target_Pim_PsaAgArbnLrndOffsData.MinOffset	200.514999
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.3 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1243.47559
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	363.472107
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-127.111298
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1243.47559	1243.47559	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1243.47559	1243.47559	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1243.47559	1243.47559	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔

Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.4 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	603.284302
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-195.7995
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.5 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-896.456726
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1539.43567
target_Pim_PsaAgArbnLrndOffsData.MinOffset	761.797119
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1

Name	Input Value		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-896.456726	-896.456726	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-896.456726	-896.456726	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-896.456726	-896.456726	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.6 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1096.8031		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-905.042175		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	3		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.7 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1384.46863
target_Pim_PsaAgArbnLrndOffsData.MinOffset	302.321411
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.8 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-920.167603
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-658.783691
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	4
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	✔

Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.9 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1245.87964
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	549.103516
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-988.378113
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1245.87964	1245.87964	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1245.87964	1245.87964	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1245.87964	1245.87964	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.10 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	158.610596
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1008.12311
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1

Name	Input Value		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	3		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
expf	3	expf	3	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 4.11 (Repeat Count = 1)			✓
Name	**Input Value**		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-192.456696		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-414.77771		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1146.35864		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-192.456696	-192.456696	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-192.456696	-192.456696	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-192.456696	-192.456696	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
expf	3	expf	3	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 4.12 (Repeat Count = 1) ✓

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.5578
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-737.505005
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.5578	-227.5578	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-737.505005	-737.505005	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✓
expf	3	expf	3	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 4.13 (Repeat Count = 1) ✓

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	281.804413
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1019.45148
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	5
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓

Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.14 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-230.894302
target_Pim_PsaAgArbnLrndOffsData.MinOffset	745.720093
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.15 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-961.815491
target_Pim_PsaAgArbnLrndOffsData.MinOffset	155.622101
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	4

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
expf	3	expf	3	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 4.16 (Repeat Count = 1)				✓

Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1438.34387		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-699.828918		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
expf	3	expf	3	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 4.17 (Repeat Count = 1)		✓

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus

Name	Input Value
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	695.936096
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1250.48438
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	3
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.18 (Repeat Count = 1)   ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1210.87109
target_Pim_PsaAgArbnLrndOffsData.MinOffset	693.873474
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.19 (Repeat Count = 1)			✔
Name	**Input Value**		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	0		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	6.48530006		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1168.88525		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.20 (Repeat Count = 1)			✔
Name	**Input Value**		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	500		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-958.922424		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1608.01685		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	5		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	**Actual Value**	**Expected Value**	**Result**
			✔

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.21 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	295.452423
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1311.58862
target_Pim_PsaAgArbnLrndOffsData.MinOffset	401.030396
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_Igc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.22 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15

Name	Input Value		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	152.828598		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-321.520691		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	4		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus		1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus		1	✓
expf	3	expf		3	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus		1	✓

Test Step 4.23 (Repeat Count = 1)			✓
Name	**Input Value**		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	0		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1332.03845		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-376.416595		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.24 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	500
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1500.92114
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1095.94775
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	3
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.25 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	375.56781
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	18.5548992
target_Pim_PsaAgArbnLrndOffsData.MinOffset	668.554016
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.26 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	228.592407
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1019.27258
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	0
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔

Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.27 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	826.2677
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-362.892212
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	5
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.28 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	500
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-157.106796
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1663.73853
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1

Name	Input Value		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.29 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	178.567795		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-92.8320007		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-118.271797		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 4.30 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1206.82288
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1214.20947
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	3
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✔
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✔
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✔
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✔
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✔
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	✔
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✔
expf	3	expf	3	✔
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✔