Summary

Total Test Objects:	18
Successful:	17
Failed:	1
Not Executed:	0
Date:	2018-05-28
Time:	20:25:42+0530

Overall Test Object Results (including Coverage)


OK
Not Executed
Not OK
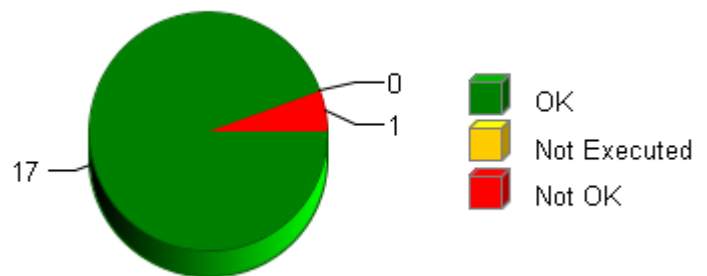
Selected Project Items

Test Object "UnitTest/SrlComOutput/SrlComOutput_GetCpleVolant"
Test Object "UnitTest/SrlComOutput/SrlComOutput_GetCpleVolantOptimse"
Test Object "UnitTest/SrlComOutput/SrlComOutput_GetEtatDa2004"
Test Object "UnitTest/SrlComOutput/SrlComOutput_GetEtatDa2010"
Test Object "UnitTest/SrlComOutput/SrlComOutput_GetHwTorqueFault"
Test Object "UnitTest/SrlComOutput/SrlComOutput_GetVitesseColonne"
Test Object "UnitTest/SrlComOutput/SrlComOutput_Init"
Test Object "UnitTest/SrlComOutput/SrlComOutput_IS_DAT_DIRA"
Test Object "UnitTest/SrlComOutput/SrlComOutput_IS_DAT_DIRA_Get"
Test Object "UnitTest/SrlComOutput/SrlComOutput_IS_DYN_DAE"
Test Object "UnitTest/SrlComOutput/SrlComOutput_IS_DYN_DAE_Get"
Test Object "UnitTest/SrlComOutput/SrlComOutput_IS_DYN_VOL"
Test Object "UnitTest/SrlComOutput/SrlComOutput_IS_DYN_VOL_Get"
Test Object "UnitTest/SrlComOutput/SrlComOutput_IS_SUPV_DIRA"
Test Object "UnitTest/SrlComOutput/SrlComOutput_IS_SUPV_DIRA_Get"
Test Object "UnitTest/SrlComOutput/SrlComOutput_Per1"
Test Object "UnitTest/SrlComOutput/SrlComOutput_ReInit"
Test Object "UnitTest/SrlComOutput/SrlComOutput_Trns1"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)

OK
Not Executed
Not OK
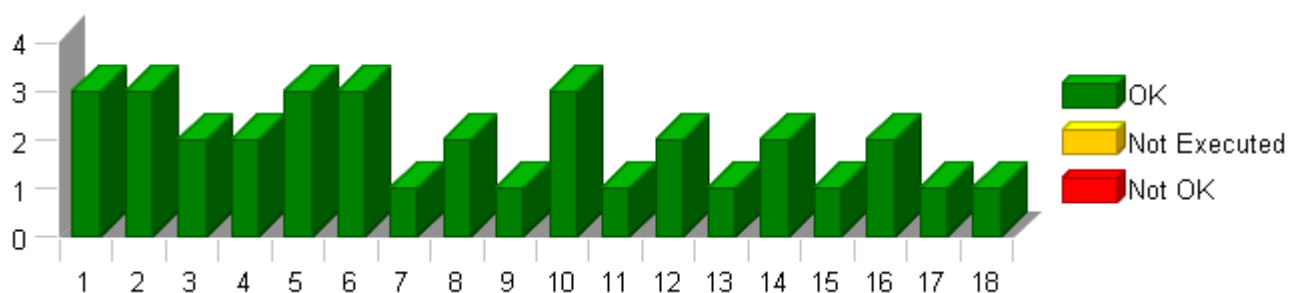
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object 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
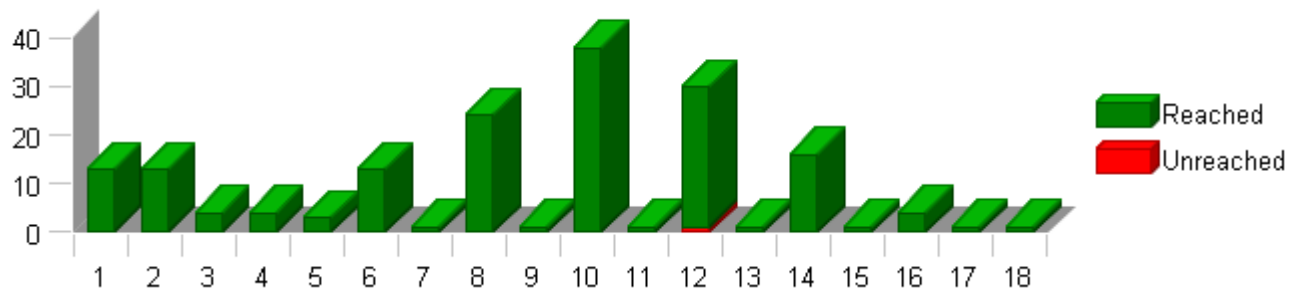
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

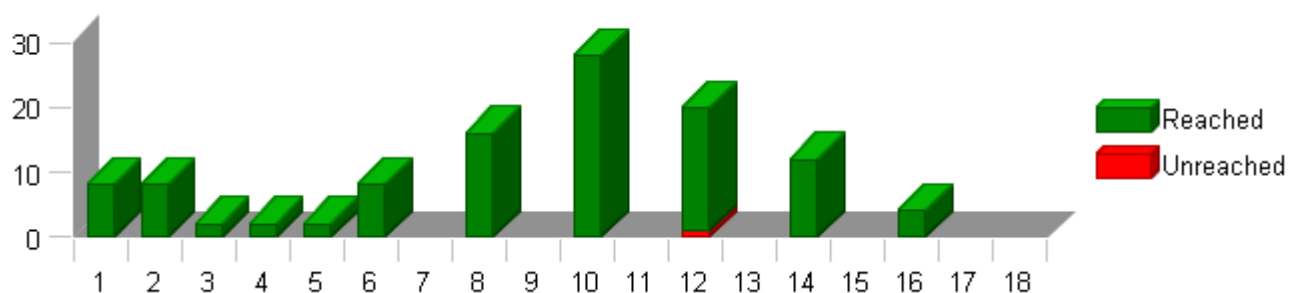## Branch (C1) Coverage: Total Branches for Each Test Object
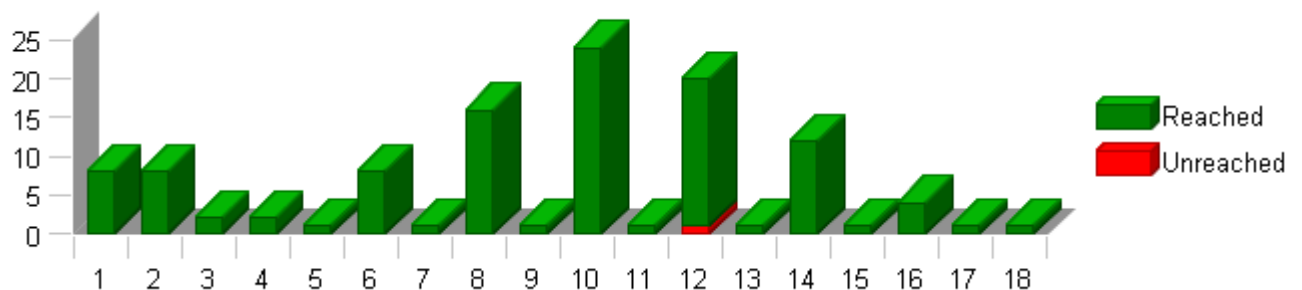
The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

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
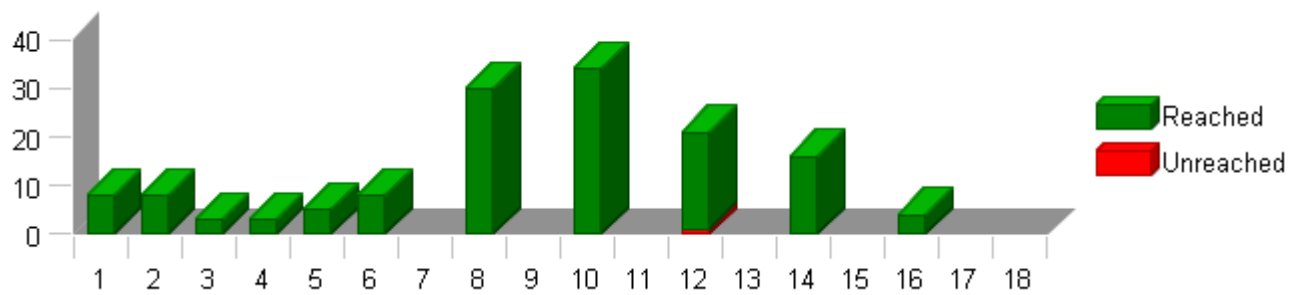
The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, 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
	SrlComOutput	99.4 %	99.1 %	99.09 %	99.28 %	34 of 34 passed	❌
	UnitTest	99.4 %	99.1 %	99.09 %	99.28 %	34 of 34 passed	❌
	SrlComOutput	99.4 %	99.1 %	99.09 %	99.28 %	34 of 34 passed	❌
1	SrlComOutput_GetCpleVolant	100 %	100 %	100 %	100 %	3 of 3 passed	✔
2	SrlComOutput_GetCpleVolantOptimse	100 %	100 %	100 %	100 %	3 of 3 passed	✔
3	SrlComOutput_GetEtatDa2004	100 %	100 %	100 %	100 %	2 of 2 passed	✔
4	SrlComOutput_GetEtatDa2010	100 %	100 %	100 %	100 %	2 of 2 passed	✔
5	SrlComOutput_GetHwTorqueFault	100 %	100 %	100 %	100 %	3 of 3 passed	✔
6	SrlComOutput_GetVitesseColonne	100 %	100 %	100 %	100 %	3 of 3 passed	✔
7	SrlComOutput_Init	100 %	100 %	-	-	1 of 1 passed	✔
8	SrlComOutput_IS_DAT_DIRA	100 %	100 %	100 %	100 %	2 of 2 passed	✔
9	SrlComOutput_IS_DAT_DIRA_Get	100 %	100 %	-	-	1 of 1 passed	✔
10	SrlComOutput_IS_DYN_DAE	100 %	100 %	100 %	100 %	3 of 3 passed	✔
11	SrlComOutput_IS_DYN_DAE_Get	100 %	100 %	-	-	1 of 1 passed	✔
12	SrlComOutput_IS_DYN_VOL	96.66 %	95 %	95 %	95.23 %	2 of 2 passed	❌
13	SrlComOutput_IS_DYN_VOL_Get	100 %	100 %	-	-	1 of 1 passed	✔
14	SrlComOutput_IS_SUPV_DIRA	100 %	100 %	100 %	100 %	2 of 2 passed	✔
15	SrlComOutput_IS_SUPV_DIRA_Get	100 %	100 %	-	-	1 of 1 passed	✔
16	SrlComOutput_Per1	100 %	100 %	100 %	100 %	2 of 2 passed	✔
17	SrlComOutput_ReInit	100 %	100 %	-	-	1 of 1 passed	✔
18	SrlComOutput_Trns1	100 %	100 %	-	-	1 of 1 passed	✔

Razorcat

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_DYN_VOL_Get

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'SrlComOutput'	***Unit Test Information*** Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrlComOutput.c Code File(s) Version: 21 Module Design Document: SrlComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m". ***

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	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Range Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:
	TS 1.1 995.00 Cycles
Description	Vector Description:
	TS1.1 Check for call trace

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
IsDynVolAdd	NULL
IsDynVolBase	NULL
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	NULL
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	NULL

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
memcpy_dup	2	memcpy_dup	2	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_DYN_VOL

Instrumentation: Test Object Only

Statement (C0) Coverage	96.66 %
Decision Coverage	95 %
Branch (C1) Coverage	95 %
MC/DC Coverage	95.23 %

Statistics

Total Testcases	2	
Successful	2	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

Unit Test Information

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

****

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification

```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS1.1 1167.00 Cycles
TS1.2 1365.00 Cycles
```

Description

Vector Description:

TS1.1 Shortest Execution Path:
if (TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>True,
if(TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>True,
if((TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>True ||
(FALSE == RelHwPosnVldToSerlCom_Cnt_M_lgc))==>True,
if(1 == Sign_f32_m(HandwheelVelocity_HwRadpS_M_f32))==>True

TS1.2 Longest Execution Path:
if (TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>False,
else if (TRUE == AbsltHwPosnVld_Cnt_T_lgc)==>True,
((ANGLEVOLANT_Cnt_T_f32) < 0.0f)==>False,
if(TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>False,
(((VITESSEROTVOL_HwRadpS_T_f32 * (57.295779513082f))) >= (1016.0f))==>False,
(((VITESSEROTVOL_HwRadpS_T_f32 * (57.295779513082f))) >= (0.0f))==>False,
((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>False,
if((TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>False ||
(FALSE == RelHwPosnVldToSerlCom_Cnt_M_lgc)==>False)==>False,
if(1 == Sign_f32_m(HandwheelVelocity_HwRadpS_M_f32))==>False

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelVelocity_HwRadpS_M_f32	32
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3260

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	-5.32870007
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg

Name	Input Value		
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-3260		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	76	76	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32600	32600	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	76	76	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔	

Test Case 2: Range Test	✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS2.1 1291.00 Cycles
TS2.2 1208.00 Cycles
TS2.3 1323.00 Cycles
TS2.4 1358.00 Cycles
TS2.5 1327.00 Cycles
TS2.6 1185.00 Cycles
TS2.7 1354.00 Cycles
TS2.8 1344.00 Cycles
TS2.9 1326.00 Cycles
TS2.10 1339.00 Cycles
TS2.11 1334.00 Cycles
TS2.12 1280.00 Cycles
TS2.13 1326.00 Cycles
TS2.14 1376.00 Cycles
TS2.15 1359.00 Cycles
TS2.16 1267.00 Cycles
TS2.17 1339.00 Cycles
TS2.18 1355.00 Cycles
TS2.19 1164.00 Cycles
TS2.20 1164.00 Cycles
TS2.21 1275.00 Cycles
TS2.22 1164.00 Cycles
```

Description   Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3AbsltHwPosnVld_Cnt_lgc==>Min
TS2.4AbsltHwPosnVld_Cnt_lgc==>Max
TS2.5DefaultHwaSCommExportValue_Cnt_M_lgc==>Min
TS2.6DefaultHwaSCommExportValue_Cnt_M_lgc==>Max
TS2.7AbsltHwPosn_HwDeg_f32==>Min
TS2.8AbsltHwPosn_HwDeg_f32==>Max
TS2.9AbsltHwPosn_HwDeg_f32==>Zero
TS2.10AbsltHwPosn_HwDeg_f32==>Pos
TS2.11AbsltHwPosn_HwDeg_f32==>Neg
TS2.12HandwheelVelocity_HwRadpS_M_f32==>Min
TS2.13HandwheelVelocity_HwRadpS_M_f32==>Max
TS2.14HandwheelVelocity_HwRadpS_M_f32==>Zero
TS2.15HandwheelVelocity_HwRadpS_M_f32==>Pos
TS2.16HandwheelVelocity_HwRadpS_M_f32==>Neg
TS2.17RelHwPosnVldToSerlCom_Cnt_M_lgc==>Min
TS2.18RelHwPosnVldToSerlCom_Cnt_M_lgc==>Max
TS2.19AbsltHwPosnLvl2_Cnt_lgc==>Min
TS2.20AbsltHwPosnLvl2_Cnt_lgc==>Max
TS2.21AbsltHwPosnLvl1_Cnt_lgc==>Min
TS2.22AbsltHwPosnLvl1_Cnt_lgc==>Max

Test Step 2.1 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelVelocity_HwRadpS_M_f32	-32	
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	

Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-3260		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg		1	✔

Test Step 2.2 (Repeat Count = 1)   ✔

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	1		
HandwheelVelocity_HwRadpS_M_f32	32		
RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3260		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg		1	✔

Test Step 2.3 (Repeat Count = 1)   ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	-11.4125004
RelHwPosnVldToSerlCom_Cnt_M_lgc	0

Name	Input Value
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-3116.34595

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	163	163	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	163	163	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔	

Test Step 2.4 (Repeat Count = 1)   ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	28.6821995
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1033.6593

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-10337	-10337	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔	

Test Step 2.5 (Repeat Count = 1)   ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0

Name	Input Value
HandwheelVelocity_HwRadpS_M_f32	-14.1449003
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1289.13635

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	203	203	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	203	203	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelVelocity_HwRadpS_M_f32	-11.1028996
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3116.30103

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	-5.32870007
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-3260

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	76	76	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32600	32600	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	76	76	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	14.9994001
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3260

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	215	215	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-32600	-32600	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	215	215	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.9 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	21.4388008
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	0

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	0	0	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.10 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	7.7974
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	2348.48267

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	112	112	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-23485	-23485	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	112	112	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.11 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	-2.34010005
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-977.375793

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	34	34	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	9774	9774	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	34	34	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.12 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	-32
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-2522.27881

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓

Test Step 2.13 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	32		
RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1747.97729		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-17480	-17480	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓

Test Step 2.14 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	0		
RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	2491.21533		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	0	0	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-24912	-24912	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	0	0	✓

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.15 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	22.7208004
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	2750.19165

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-27502	-27502	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	-17.7642002
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	2836.74561

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg		1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg		1	✓

Test Step 2.17 (Repeat Count = 1)			✓
Name	**Input Value**		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-29.4829998		
RelHwPosnVldToSerlCom_Cnt_M_lgc	0		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-2335.11523		
Name	**Actual Value**	**Expected Value**	**Result**
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	23351	23351	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg		1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg		1	✓

Test Step 2.18 (Repeat Count = 1)			✓
Name	**Input Value**		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-5.7262001		
RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-1004.6618		
Name	**Actual Value**	**Expected Value**	**Result**
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	82	82	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	10047	10047	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	82	82	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.19 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelVelocity_HwRadpS_M_f32	11.6532001
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-1429.4054

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelVelocity_HwRadpS_M_f32	1.15330005
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1023.52032

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg		1	✔

Test Step 2.21 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	12.21
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1399.22595

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	175	175	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	175	175	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg		1	✔

Test Step 2.22 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelVelocity_HwRadpS_M_f32	4.7191
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-3094.02417

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_Init

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'SrlComOutput'	**Unit Test Information**
	Name of Tester: Sachin Kamate
	Code File(s) Under Test: Ap_SrlComOutput.c
	Code File(s) Version: 21
	Module Design Document: SrlComOutput_MDD.docx
	Module Design Document Version: 6
	Data Dictionary Version: 10
	Unit Test Plan Version: 10
	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): 3412
	Total RAM Used (Bytes): 44
	Total CALS Used (Bytes): 37
	Special Test Requirements: NA
	Test Date: 5/28/2018
	Comments:
	Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
	Note 2: Inline functions in GlobalMacro.h are not unit tested.
	Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to
	the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
	Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to
	the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
	Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to
	the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
	Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to
	the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
	Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".
	**

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	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Range Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:
	TS1.1 574.00 Cycles
	TS1.2 526.00 Cycles
	TS1.3 526.00 Cycles
Description	Vector Description:
	TS1.1Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min
	TS1.2Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max
	TS1.3Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	0		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		

Name	Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32	0	0	✔
ETATSECUANGLECOLSigTimer_mS_M_u32	0	0	✔
IsSupvDiraFirstCall_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	4294967295		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		

Name	Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32	4294967295	4294967295	✔
ETATSECUANGLECOLSigTimer_mS_M_u32	4294967295	4294967295	✔
IsSupvDiraFirstCall_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 1.3 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2547896		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		

Name	Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32	2547896	2547896	✔
ETATSECUANGLECOLSigTimer_mS_M_u32	2547896	2547896	✔
IsSupvDiraFirstCall_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_SUPV_DIRA

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2	
Successful	2	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

***Unit Test Information**

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

****

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS1.1 1986.00 Cycles
TS1.2 2504.00 Cycles
```

Description   Vector Description:

TS1.1Shortest Execution Path:
if(TRUE == Rte_IRead_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc())==>True,
if (0 != memcmp(&IsSupvDiraPrev, Rte_Pim_PimIsSupvDiraMsg(), sizeof(IS_SUPV_DIRA_Msg)))==>True,
if (FALSE == IsSupvDiraFirstCall_Cnt_M_lgc)==>False

TS1.2Longest Execution Path:
if(TRUE == Rte_IRead_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc())==>False,
else if((FALSE == VehicleSpeedValid_Cnt_M_lgc)==>False ||
 (TRUE == DutyCycleExceeded_Cnt_M_lgc)==>False ||
 (TRUE == AbsTempThermLimit_Cnt_M_lgc)==>False)==>False,
else if((FALSE == STTdSelected_Cnt_M_lgc)==>False &&
 ((uint8)kETAT_MT_Stopped == Rte_IRead_SrlComOutput_Per1_EtatMT_Cnt_u08()))==>False,
else if((TRUE == STTdSelected_Cnt_M_lgc)==>True &&
 (0.0001f >= Rte_IRead_SrlComOutput_Per1_OutputRampMult_Uls_f32())==>False)==>False,
if (0 != memcmp(&IsSupvDiraPrev, Rte_Pim_PimIsSupvDiraMsg(), sizeof(IS_SUPV_DIRA_Msg)))==>True,
if (FALSE == IsSupvDiraFirstCall_Cnt_M_lgc)==>True

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	15
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	1
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	5
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.467999995

Name	Input Value		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔	
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔	
memcpy_dup	1	memcpy_dup	1	✔	

Test Case 2: Range Test ✔

Specification

```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS2.1  2457.00 Cycles
TS2.2  1963.00 Cycles
TS2.3  2505.00 Cycles
TS2.4  1949.00 Cycles
TS2.5  2466.00 Cycles
TS2.6  2485.00 Cycles
TS2.7  2505.00 Cycles
TS2.8  2488.00 Cycles
TS2.9  2045.00 Cycles
TS2.10 2493.00 Cycles
TS2.11 2532.00 Cycles
TS2.12 2016.00 Cycles
TS2.13 2090.00 Cycles
TS2.14 2498.00 Cycles
TS2.15 2052.00 Cycles
TS2.16 2493.00 Cycles
TS2.17 2032.00 Cycles
TS2.18 2037.00 Cycles
TS2.19 2072.00 Cycles
TS2.20 2417.00 Cycles
TS2.21 2462.00 Cycles
TS2.22 1949.00 Cycles
```

Description

Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3RampDwnStatusComplete_Cnt_lgc==>Min
TS2.4RampDwnStatusComplete_Cnt_lgc==>Max
TS2.5VehicleSpeedValid_Cnt_M_lgc==>Min
TS2.6VehicleSpeedValid_Cnt_M_lgc==>Max
TS2.7DutyCycleExceeded_Cnt_M_lgc==>Min
TS2.8DutyCycleExceeded_Cnt_M_lgc==>Max
TS2.9AbsTempThermLimit_Cnt_M_lgc==>Min
TS2.10AbsTempThermLimit_Cnt_M_lgc==>Max
TS2.11STTdSelected_Cnt_M_lgc==>Min
TS2.12STTdSelected_Cnt_M_lgc==>Max
TS2.13EtatMT_Cnt_u08==>Min
TS2.14EtatMT_Cnt_u08==>Max
TS2.15EtatMT_Cnt_u08==>Pos
TS2.16OutputRampMult_Uls_f32==>Min
TS2.17OutputRampMult_Uls_f32==>Max
TS2.18OutputRampMult_Uls_f32==>Pos
TS2.19CTCFailed_Cnt_lgc==>Min
TS2.20CTCFailed_Cnt_lgc==>Max
TS2.21IsSupvDiraFirstCall_Cnt_M_lgc==>Min
TS2.22IsSupvDiraFirstCall_Cnt_M_lgc==>Max

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg

Name	Input Value		
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	0		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔	
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔	
memcpy_dup	1	memcpy_dup	1	✔	

Test Step 2.2 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DutyCycleExceeded_Cnt_M_lgc	1	
IsSupvDiraFirstCall_Cnt_M_lgc	1	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg	
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1	
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	15	
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	1	
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	

Name	**Actual Value**	**Expected Value**	**Result**
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔	
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
memcpy_dup	1	memcpy_dup	1	✔	

Test Step 2.3 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
IsSupvDiraFirstCall_Cnt_M_lgc	0	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	0	
VehicleSpeedValid_Cnt_M_lgc	1	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg	
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0	
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	11	
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.295399994	

Name	Input Value		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔	
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔	
memcpy_dup	1	memcpy_dup	1	✔	

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	6
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.924700022
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔	
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔	
memcpy_dup	1	memcpy_dup	1	✔	

Test Step 2.5 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	5
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.544700027
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓	
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓	
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓	
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓	
memcpy_dup	1	memcpy_dup	1	✓	

Test Step 2.6 (Repeat Count = 1) ✓

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	15
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.628899992
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓	
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓	
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓	
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓	
memcpy_dup	1	memcpy_dup	1	✓	

Test Step 2.7 (Repeat Count = 1) ✓

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	5
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.467999995
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓

Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.214699998
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.9 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	2
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.361999989
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.10 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	6
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.374799997
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.11 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	6
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.0115999999
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.12 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	8
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.407700002
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.13 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.649299979
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.14 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	15
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.441100001
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.15 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	9
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.883099973
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	2
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	4	4	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.17 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	8
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	1
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.18 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.658399999
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.19 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	4
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.237499997
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	3	3	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.20 (Repeat Count = 1)			✔
Name	**Input Value**		
AbsTempThermLimit_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	0		
IsSupvDiraFirstCall_Cnt_M_lgc	0		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	14		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.586700022		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
Name	**Actual Value**	**Expected Value**	**Result**
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.21 (Repeat Count = 1)			✔
Name	**Input Value**		
AbsTempThermLimit_Cnt_M_lgc	1		
DutyCycleExceeded_Cnt_M_lgc	0		
IsSupvDiraFirstCall_Cnt_M_lgc	0		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	0		
VehicleSpeedValid_Cnt_M_lgc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	2		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.683700025		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
Name	**Actual Value**	**Expected Value**	**Result**
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.22 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
IsSupvDiraFirstCall_Cnt_M_lgc	1
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.385899991
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetEtatDa2004

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2	
Successful	2	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

Unit Test Information

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

****

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS1.1 42.00 Cycles
TS1.2 42.00 Cycles
```

Description
Vector Description:

TS1.1 Shortest Execution Path:
if((k_JDD2010Selected_Cnt_lgc == TRUE)==>True ||
(EtatDa2_Cnt_T_lgc == TRUE))==>True

TS1.2 Longest Execution Path:
if((k_JDD2010Selected_Cnt_lgc == TRUE)==>False ||
(EtatDa2_Cnt_T_lgc == TRUE)==>False)==>False

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2004()	2	2	✔

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		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2004()	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Case 2: Range Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS2.1 42.00 Cycles
TS2.2 42.00 Cycles
TS2.3 42.00 Cycles
TS2.4 42.00 Cycles
TS2.5 42.00 Cycles
TS2.6 42.00 Cycles
```

Description
Vector Description:

TS2.1   All Min
TS2.2   All Max
TS2.3   EtatDa2_Cnt_T_lgc==>Min
TS2.4   EtatDa2_Cnt_T_lgc==>Max
TS2.5   k_JDD2010Selected_Cnt_lgc==>Min
TS2.6   k_JDD2010Selected_Cnt_lgc==>Max

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2004()	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		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2004()	2	2	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2004()	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	0		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2004()	2	2	✔

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		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2004()	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2004()	2	2	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_DAT_DIRA_Get

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'SrlComOutput'	**Unit Test Information** Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrlComOutput.c Code File(s) Version: 21 Module Design Document: SrlComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m". **

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	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Range Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 978.00 Cycles
Description	Vector Description: TS1.1 Check for Output

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
IsDatDira	NULL
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	NULL

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_Per1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2
Successful	2 ✔
Failed	0
Not Executed	0

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

Unit Test Information

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
"((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

****

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 13821.00 Cycles TS1.2 17954.00 Cycles

Description	Vector Description:
	
	TS1.1Shortest Execution Path:
	if (TRUE == ReInitializeComponent_M_lgc)==>False,
	if (FALSE == TxEnable_Cnt_T_lgc)==>False
	
	TS1.2Longest Execution Path:
	if (TRUE == ReInitializeComponent_M_lgc)==>True,
	if (FALSE == TxEnable_Cnt_T_lgc)==>True

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.615800023
HandwheelPosition_HwDeg_M_f32	-764.733704
HandwheelTorque_HwNm_M_f32	7.09940004
HandwheelVelocity_HwRadpS_M_f32	5.91419983
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	806.852478
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.75599957
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	12.0495005
k_AUTORARRETMOTDAValidThresh_mS_u16	25267
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1471.77112
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.373899996
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	17.8523998
k_DDEREDEMDAVehSpdThresh_Kph_f32	19.8129997
k_ETATSECUANGLECOLSigTimeout_mS_u16	9578
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.735400021
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	20171
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3428323993
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRat	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	2956.14868
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.701900005
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1006.67871
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-2.71799994
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-14.9362001
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.958100021
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	451.597198
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.56890011
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	218.858795

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.701900005	0.701900005	✔
HandwheelPosition_HwDeg_M_f32	1006.67871	1006.67871	✔
HandwheelTorque_HwNm_M_f32	-2.71799994	-2.71799994	✔
HandwheelVelocity_HwRadpS_M_f32	-14.9362001	-14.9362001	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-38	-38	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-27	-27	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.349900007
HandwheelPosition_HwDeg_M_f32	1240.31616
HandwheelTorque_HwNm_M_f32	6.56710005
HandwheelVelocity_HwRadpS_M_f32	-20.5806007
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	780.624817

Name	Input Value
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.61940002
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.2560997
k_AUTORARRETMOTDAValidThresh_mS_u16	41519
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1029.23645
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.9935999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.8269005
k_DDEREDEMDAVehSpdThresh_Kph_f32	153.124298
k_ETATSECUANGLECOLSigTimeout_mS_u16	30462
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.138699993
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	13768
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	511813458
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	451.669891
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	13
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.730099976
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	166.720993
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	3.48600006
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-16.9183006

Name	Input Value
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.8477
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	356.474213
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.28970003
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	63.9323997

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.730099976	0.730099976	✔
HandwheelPosition_HwDeg_M_f32	166.720993	166.720993	✔
HandwheelTorque_HwNm_M_f32	3.48600006	3.48600006	✔
HandwheelVelocity_HwRadpS_M_f32	-16.9183006	-16.9183006	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	9	9	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	35	35	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-3565	-3565	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	969	969	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	242	242	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-4517	-4517	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	242	242	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Case 2: Range Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment)

CPU Cycles:

```
TS2.1 13966.00 Cycles
TS2.2 17477.00 Cycles
TS2.3 13577.00 Cycles
TS2.4 17878.00 Cycles
TS2.5 17698.00 Cycles
TS2.6 17847.00 Cycles
TS2.7 13360.00 Cycles
TS2.8 17416.00 Cycles
TS2.9 17460.00 Cycles
TS2.10 13197.00 Cycles
TS2.11 13863.00 Cycles
TS2.12 13686.00 Cycles
TS2.13 17958.00 Cycles
TS2.14 17462.00 Cycles
TS2.15 13324.00 Cycles
TS2.16 13659.00 Cycles
TS2.17 13689.00 Cycles
TS2.18 13554.00 Cycles
TS2.19 17834.00 Cycles
TS2.20 17942.00 Cycles
TS2.21 13487.00 Cycles
TS2.22 13268.00 Cycles
TS2.23 17424.00 Cycles
TS2.24 13598.00 Cycles
TS2.25 17542.00 Cycles
TS2.26 13693.00 Cycles
TS2.27 13276.00 Cycles
TS2.28 17908.00 Cycles
TS2.29 13280.00 Cycles
TS2.30 17740.00 Cycles
TS2.31 17735.00 Cycles
TS2.32 17571.00 Cycles
```

Description   Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3ReInitializeComponent_M_lgc==>Min
TS2.4ReInitializeComponent_M_lgc==>Max
TS2.5TxEnabled_Cnt_lgc==>Min
TS2.6TxEnabled_Cnt_lgc==>Max
TS2.7DefaultHwaSCommExportValue_Cnt_lgc==>Min
TS2.8DefaultHwaSCommExportValue_Cnt_lgc==>Max
TS2.9HandwheelAuthority_Uls_f32==>Min
TS2.10HandwheelAuthority_Uls_f32==>Max
TS2.11HandwheelAuthority_Uls_f32==>Pos
TS2.12HandwheelPosition_HwDeg_f32==>Min
TS2.13HandwheelPosition_HwDeg_f32==>Max
TS2.14HandwheelPosition_HwDeg_f32==>Zero
TS2.15HandwheelPosition_HwDeg_f32==>Pos
TS2.16HandwheelPosition_HwDeg_f32==>Neg
TS2.17HandwheelTorque_HwNm_f32==>Min
TS2.18HandwheelTorque_HwNm_f32==>Max
TS2.19HandwheelTorque_HwNm_f32==>Zero
TS2.20HandwheelTorque_HwNm_f32==>Pos
TS2.21HandwheelTorque_HwNm_f32==>Neg
TS2.22HandwheelVelocity_HwRadpS_f32==>Min
TS2.23HandwheelVelocity_HwRadpS_f32==>Max
TS2.24HandwheelVelocity_HwRadpS_f32==>Zero
TS2.25HandwheelVelocity_HwRadpS_f32==>Pos
TS2.26HandwheelVelocity_HwRadpS_f32==>Neg
TS2.27STTdSelected_Cnt_lgc==>Min
TS2.28STTdSelected_Cnt_lgc==>Max
TS2.29VehicleSpeedValid_Cnt_lgc==>Min
TS2.30VehicleSpeedValid_Cnt_lgc==>Max
TS2.31RelHwPosnVldToSerlCom_Cnt_lgc==>Min
TS2.32RelHwPosnVldToSerlCom_Cnt_lgc==>Max

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0
HandwheelPosition_HwDeg_M_f32	-1600
HandwheelTorque_HwNm_M_f32	-8.80000019
HandwheelVelocity_HwRadpS_M_f32	-32
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	0
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0

Name	Input Value
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0
k_AUTORARRETMOTDAValidThresh_mS_u16	0
k_DDEREDEMDAHwPosThresh_HwDeg_f32	0
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0
k_DDEREDEMDAVehSpdThresh_Kph_f32	0
k_ETATSECUANGLECOLSigTimeout_mS_u16	0
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	0
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-3260
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	0
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1600
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-8.80000019
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-32
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0

Name	Input Value
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-10
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	0

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0	0	✔
HandwheelPosition_HwDeg_M_f32	-1600	-1600	✔
HandwheelTorque_HwNm_M_f32	-8.80000019	-8.80000019	✔
HandwheelVelocity_HwRadpS_M_f32	-32	-32	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-40	-40	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-88	-88	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1833	1833	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.2 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	1	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	1	
HandwheelPosition_HwDeg_M_f32	1600	
HandwheelTorque_HwNm_M_f32	8.80000019	
HandwheelVelocity_HwRadpS_M_f32	32	
IsSupvDiraFirstCall_Cnt_M_lgc	1	
ReInitializeComponent_M_lgc	1	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1600	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	10	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	32	
k_AUTORARRETMOTDAValidThresh_mS_u16	65535	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1600	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	15	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	32	
k_DDEREDEMDAVehSpdThresh_Kph_f32	255	
k_ETATSECUANGLECOLSigTimeout_mS_u16	65535	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	1	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	65535	
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren|	4294967295	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExport\	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3260
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	15
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	15
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	1
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1600
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	8.80000019
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	32
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	1
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	10
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	255

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	1	1	✔
HandwheelPosition_HwDeg_M_f32	1600	1600	✔
HandwheelTorque_HwNm_M_f32	8.80000019	8.80000019	✔
HandwheelVelocity_HwRadpS_M_f32	32	32	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	40	40	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	15	15	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	88	88	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.615800023
HandwheelPosition_HwDeg_M_f32	-764.733704
HandwheelTorque_HwNm_M_f32	7.09940004
HandwheelVelocity_HwRadpS_M_f32	5.91419983
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	806.852478
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.75599957
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	12.0495005
k_AUTORARRETMOTDAValidThresh_mS_u16	25267
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1471.77112
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.373899996
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	17.8523998
k_DDEREDEMDAVehSpdThresh_Kph_f32	19.8129997
k_ETATSECUANGLECOLSigTimeout_mS_u16	9578
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.735400021

Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	20171
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3428323993
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	2956.14868
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.701900005
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1006.67871
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-2.71799994
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-14.9362001
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.958100021
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	451.597198
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.56890011
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	218.858795		

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.701900005	0.701900005	✔
HandwheelPosition_HwDeg_M_f32	1006.67871	1006.67871	✔
HandwheelTorque_HwNm_M_f32	-2.71799994	-2.71799994	✔
HandwheelVelocity_HwRadpS_M_f32	-14.9362001	-14.9362001	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-38	-38	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-27	-27	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.349900007
HandwheelPosition_HwDeg_M_f32	1240.31616
HandwheelTorque_HwNm_M_f32	6.56710005
HandwheelVelocity_HwRadpS_M_f32	-20.5806007
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	780.624817
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.61940002
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.2560997
k_AUTORARRETMOTDAValidThresh_mS_u16	41519
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1029.23645
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.9935999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.8269005
k_DDEREDEMDAVehSpdThresh_Kph_f32	153.124298
k_ETATSECUANGLECOLSigTimeout_mS_u16	30462
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.138699993
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	13768
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	511813458
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg(	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	451.669891
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	13
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.730099976
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	166.720993
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	3.48600006
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-16.9183006
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.8477
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	356.474213
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.28970003
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	63.9323997

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.730099976	0.730099976	✔
HandwheelPosition_HwDeg_M_f32	166.720993	166.720993	✔
HandwheelTorque_HwNm_M_f32	3.48600006	3.48600006	✔
HandwheelVelocity_HwRadpS_M_f32	-16.9183006	-16.9183006	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	9	9	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	35	35	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-3565	-3565	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	969	969	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	242	242	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-4517	-4517	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	242	242	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.5 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.807099998
HandwheelPosition_HwDeg_M_f32	564.862976
HandwheelTorque_HwNm_M_f32	-7.70769978
HandwheelVelocity_HwRadpS_M_f32	2.12210011
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	204.061707
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.68150043
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	19.7439003
k_AUTORARRETMOTDAValidThresh_mS_u16	551
k_DDEREDEMDAHwPosThresh_HwDeg_f32	14.2962999
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.4287004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	12.6050997
k_DDEREDEMDAVehSpdThresh_Kph_f32	113.636101
k_ETATSECUANGLECOLSigTimeout_mS_u16	4311
k_JDD2010Selected_Cnt_lgc	1

Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.83920002
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	49178
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2263891623
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1479.57629
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	12
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.823199987
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1063.78625
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-6.26340008
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-9.44159985
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.222100005
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-739.843994
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.07560015
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0

Name	Input Value
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	6.86509991

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.823199987	0.823199987	✔
HandwheelPosition_HwDeg_M_f32	1063.78625	1063.78625	✔
HandwheelTorque_HwNm_M_f32	-6.26340008	-6.26340008	✔
HandwheelVelocity_HwRadpS_M_f32	-9.44159985	-9.44159985	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-63	-63	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefautVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.199900001
HandwheelPosition_HwDeg_M_f32	-246.067001
HandwheelTorque_HwNm_M_f32	4.77659988
HandwheelVelocity_HwRadpS_M_f32	24.3715992
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	128.013596
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.64940023
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	3.72040009
k_AUTORARRETMOTDAValidThresh_mS_u16	30881
k_DDEREDEMDAHwPosThresh_HwDeg_f32	26.3181992
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.05719995
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	14.8014002
k_DDEREDEMDAVehSpdThresh_Kph_f32	55.2938004
k_ETATSECUANGLECOLSigTimeout_mS_u16	46600
k_JDD2010Selected_Cnt_lgc	0

Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.658500016
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	57086
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3351238372
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ValidEngineStatus_Cnt_lg(	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1085.98328
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	13
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.0417000018
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1574.95862
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	1.51760006
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-21.7551003
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.190899998
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	194.005997
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.61119986
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1

Name	Input Value
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	114.9076

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.0417000018	0.0417000018	✔
HandwheelPosition_HwDeg_M_f32	1574.95862	1574.95862	✔
HandwheelTorque_HwNm_M_f32	1.51760006	1.51760006	✔
HandwheelVelocity_HwRadpS_M_f32	-21.7551003	-21.7551003	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-18	-18	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	15	15	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-1940	-1940	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1246	1246	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.679899991
HandwheelPosition_HwDeg_M_f32	963.961304
HandwheelTorque_HwNm_M_f32	-6.7329998
HandwheelVelocity_HwRadpS_M_f32	31.8749008
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1509.50464
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.26929998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	31.1117001
k_AUTORARRETMOTDAValidThresh_mS_u16	31294
k_DDEREDEMDAHwPosThresh_HwDeg_f32	220.044098
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.3512001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.68560028
k_DDEREDEMDAVehSpdThresh_Kph_f32	50.1478996
k_ETATSECUANGLECOLSigTimeout_mS_u16	29152
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.29370001

Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	17145
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren|	1687353066
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAStateTransitionCause_|	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelAuthority_Uls_f|	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelPosition_HwDe|	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelTorque_HwNm_|	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelVelocity_HwRa|	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RampDwnStatusComplete|	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnToSerlCom_Hv|	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnVldToSerlCom_|	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeedValid_Cnt_lg|	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3214.75488
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	14
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.378399998
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1126.31091
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-0.261999995
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	5.13269997
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.0775000006
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	139.981094
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.35520005
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	233.830002		

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.378399998	0.378399998	✔
HandwheelPosition_HwDeg_M_f32	-1126.31091	-1126.31091	✔
HandwheelTorque_HwNm_M_f32	-0.261999995	-0.261999995	✔
HandwheelVelocity_HwRadpS_M_f32	5.13269997	5.13269997	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	5	5	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-3	-3	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-294	-294	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	74	74	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	74	74	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.8 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.1646
HandwheelPosition_HwDeg_M_f32	-1014.85773
HandwheelTorque_HwNm_M_f32	-5.05109978
HandwheelVelocity_HwRadpS_M_f32	-2.42700005
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1377.75134
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.02810001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	4.6328001
k_AUTORARRETMOTDAValidThresh_mS_u16	61538
k_DDEREDEMDAHwPosThresh_HwDeg_f32	57.2181015
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.2046001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	7.30999994
k_DDEREDEMDAVehSpdThresh_Kph_f32	194.500793
k_ETATSECUANGLECOLSigTimeout_mS_u16	65340
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.213300005
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	458
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2706527420
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwSCommExportV	target_SrlComOutput_Per1_DefaultHwSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-623.731201
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	6
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.9745
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1153.55701
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	0.289200008
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	6.27629995
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.00659999996
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1436.21704
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.13910007
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	143.578201

Name	Actual Value	Expected Value	Result
DefaultHwSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.9745	0.9745	✔
HandwheelPosition_HwDeg_M_f32	-1153.55701	-1153.55701	✔
HandwheelTorque_HwNm_M_f32	0.289200008	0.289200008	✔
HandwheelVelocity_HwRadpS_M_f32	6.27629995	6.27629995	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-37	-37	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	3	3	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Test Step 2.9 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.543900013
HandwheelPosition_HwDeg_M_f32	1051.03613
HandwheelTorque_HwNm_M_f32	-3.78760004
HandwheelVelocity_HwRadpS_M_f32	22.5014
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1567.93762
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.04660034
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.9866009
k_AUTORARRETMOTDAValidThresh_mS_u16	20473
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1238.99683
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.69640017
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	5.87090015
k_DDEREDEMDAVehSpdThresh_Kph_f32	120.199501
k_ETATSECUANGLECOLSigTimeout_mS_u16	59044
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.377700001

Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	59848
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	512483541
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-660.122498
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	549.0224
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	7.95039988
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	5.61180019
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.616599977
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	978.591125
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.80740023
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	131.776794		

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0	0	✔
HandwheelPosition_HwDeg_M_f32	549.0224	549.0224	✔
HandwheelTorque_HwNm_M_f32	7.95039988	7.95039988	✔
HandwheelVelocity_HwRadpS_M_f32	5.61180019	5.61180019	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-31	-31	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	80	80	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.10 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.441100001
HandwheelPosition_HwDeg_M_f32	-191.750397
HandwheelTorque_HwNm_M_f32	-8.30700016
HandwheelVelocity_HwRadpS_M_f32	14.2918997
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	369.430603
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.26539993
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.7047005
k_AUTORARRETMOTDAValidThresh_mS_u16	32319
k_DDEREDEMDAHwPosThresh_HwDeg_f32	916.882019
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.5629997
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	21.0597992
k_DDEREDEMDAVehSpdThresh_Kph_f32	92.1889038
k_ETATSECUANGLECOLSigTimeout_mS_u16	4161
k_JDD2010Selected_Cnt_lgc	1

Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.632000029
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	9694
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2227545222
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1985.70154
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	4
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	1
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	571.370422
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	3.0402
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	16.4356003
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.907000005
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1278.83472
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.76119995
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0

Name	Input Value
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	210.531296

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	1	1	✔
HandwheelPosition_HwDeg_M_f32	571.370422	571.370422	✔
HandwheelTorque_HwNm_M_f32	3.0402	3.0402	✔
HandwheelVelocity_HwRadpS_M_f32	16.4356003	16.4356003	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-27	-27	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	30	30	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	5	5	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.11 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.490700006
HandwheelPosition_HwDeg_M_f32	-1599.849
HandwheelTorque_HwNm_M_f32	6.79220009
HandwheelVelocity_HwRadpS_M_f32	-0.179800004
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	486.251587
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.55809999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	3.05929995
k_AUTORARRETMOTDAValidThresh_mS_u16	28131
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1354.30981
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.2921
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	19.5676003
k_DDEREDEMDAVehSpdThresh_Kph_f32	167.467102
k_ETATSECUANGLECOLSigTimeout_mS_u16	44893
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.770200014
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	19628
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3931227519
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-803.044373
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	0
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.548200011
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	613.713928
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	6.68769979
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-10.6135998
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.181099996
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	314.558807
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.4381001
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	55.2081985

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.548200011	0.548200011	✔
HandwheelPosition_HwDeg_M_f32	613.713928	613.713928	✔
HandwheelTorque_HwNm_M_f32	6.68769979	6.68769979	✔
HandwheelVelocity_HwRadpS_M_f32	-10.6135998	-10.6135998	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	10	10	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	67	67	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	608	608	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	152	152	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	8030	8030	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	152	152	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Test Step 2.12 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.328900009
HandwheelPosition_HwDeg_M_f32	1355.47961
HandwheelTorque_HwNm_M_f32	-3.39129996
HandwheelVelocity_HwRadpS_M_f32	21.4500008
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	998.794495
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.02129984
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	23.9473991
k_AUTORARRETMOTDAValidThresh_mS_u16	31630
k_DDEREDEMDAHwPosThresh_HwDeg_f32	194.174393
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.62090015
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.0983009
k_DDEREDEMDAVehSpdThresh_Kph_f32	26.8031998
k_ETATSECUANGLECOLSigTimeout_mS_u16	43294
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.248400003
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	37672
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	1937787920
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwSCommExport\	target_SrlComOutput_Per1_DefaultHwSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0

Name	Input Value
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	913.322815
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	4
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.150800005
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1600
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-6.01870012
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-18.7084999
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.893700004
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1006.87732
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	6.94000006
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	103.678902

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.150800005	0.150800005	✔
HandwheelPosition_HwDeg_M_f32	-1600	-1600	✔
HandwheelTorque_HwNm_M_f32	-6.01870012	-6.01870012	✔
HandwheelVelocity_HwRadpS_M_f32	-18.7084999	-18.7084999	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	28	28	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-60	-60	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1072	1072	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefautVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-9133	-9133	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔

TEST DETAILS REPORT

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SrlComOutput_Per1

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Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.13 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	1	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.977100015	
HandwheelPosition_HwDeg_M_f32	-413.962799	
HandwheelTorque_HwNm_M_f32	5.56720018	
HandwheelVelocity_HwRadpS_M_f32	24.5090008	
IsSupvDiraFirstCall_Cnt_M_lgc	1	
ReInitializeComponent_M_lgc	1	
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	
STTdSelected_Cnt_M_lgc	0	
VehicleSpeedValid_Cnt_M_lgc	0	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	920.481018	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.2578001	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	7.9927001	
k_AUTORARRETMOTDAValidThresh_mS_u16	20584	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	679.561707	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.46630001	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	31.4041996	
k_DDEREDEMDAVehSpdThresh_Kph_f32	129.186798	
k_ETATSECUANGLECOLSigTimeout_mS_u16	49117	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.456499994	
target Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16 Ela	13820	
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2720306931	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-1555.63867
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.968500018
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1600
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-4.72870016
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	11.8659
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.0535999984
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	786.303894
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.11000013
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	211.189697

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.968500018	0.968500018	✔
HandwheelPosition_HwDeg_M_f32	1600	1600	✔

Name	Actual Value	Expected Value	Result
HandwheelTorque_HwNm_M_f32	-4.72870016	-4.72870016	✔
HandwheelVelocity_HwRadpS_M_f32	11.8659	11.8659	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	28	28	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-47	-47	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	5	5	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-7863	-7863	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-680	-680	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	170	170	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	15556	15556	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	170	170	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.14 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	1	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.949699998	
HandwheelPosition_HwDeg_M_f32	-943.371582	
HandwheelTorque_HwNm_M_f32	3.93059993	
HandwheelVelocity_HwRadpS_M_f32	16.4853992	
IsSupvDiraFirstCall_Cnt_M_lgc	1	
ReInitializeComponent_M_lgc	1	
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	
STTdSelected_Cnt_M_lgc	0	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	279.912201	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.15929985	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	5.89569998	
k_AUTORARRETMOTDAValidThresh_mS_u16	58842	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1086.42139	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.5464001	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.9083004	
k_DDEREDEMDAVehSpdThresh_Kph_f32	105.264503	
k_ETATSECUANGLECOLSigTimeout_mS_u16	44393	
k_JDD2010Selected_Cnt_lgc	1	

Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.251800001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	25198
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3560199185
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	251.076996
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	2
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.5722
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	0
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	5.56769991
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-11.5647001
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.0683000013
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-311.893097
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.97809982
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1

Name	Input Value
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	197.048096

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.5722	0.5722	✔
HandwheelPosition_HwDeg_M_f32	0	0	✔
HandwheelTorque_HwNm_M_f32	5.56769991	5.56769991	✔
HandwheelVelocity_HwRadpS_M_f32	-11.5647001	-11.5647001	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-24	-24	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	56	56	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.15 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.987200022
HandwheelPosition_HwDeg_M_f32	-1461.32275
HandwheelTorque_HwNm_M_f32	-7.42420006
HandwheelVelocity_HwRadpS_M_f32	-2.80749989
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1388.43811
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.39859962
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	16.5004997
k_AUTORARRETMOTDAValidThresh_mS_u16	47695
k_DDEREDEMDAHwPosThresh_HwDeg_f32	599.193909
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.6093998
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	13.2798004
k_DDEREDEMDAVehSpdThresh_Kph_f32	239.381104
k_ETATSECUANGLECOLSigTimeout_mS_u16	36382
k_JDD2010Selected_Cnt_lgc	1

Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.174999997
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	62357
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	4016394100
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	2035.27356
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	10
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.352899998
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	871.580383
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	2.18709993
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	15.3788004
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.674399972
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1347.67017
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.04809999
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1

Name	Input Value
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	185.147507

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.352899998	0.352899998	✔
HandwheelPosition_HwDeg_M_f32	871.580383	871.580383	✔
HandwheelTorque_HwNm_M_f32	2.18709993	2.18709993	✔
HandwheelVelocity_HwRadpS_M_f32	15.3788004	15.3788004	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	22	22	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-881	-881	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	220	220	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-20353	-20353	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	220	220	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Test Step 2.16 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.288399994
HandwheelPosition_HwDeg_M_f32	558.017273
HandwheelTorque_HwNm_M_f32	4.78840017
HandwheelVelocity_HwRadpS_M_f32	13.5948
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1346.82214
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.47900009
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.7558002
k_AUTORARRETMOTDAValidThresh_mS_u16	34264
k_DDEREDEMDAHwPosThresh_HwDeg_f32	179.171204
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.53030014
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.198
k_DDEREDEMDAVehSpdThresh_Kph_f32	29.1439991
k_ETATSECUANGLECOLSigTimeout_mS_u16	60570
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.778400004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	36869
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3602352389
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-658.280273
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	4
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	14
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.979200006
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-978.640503
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	0.374000013
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-29.1191006
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.068599999
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1283.25195
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.12899995
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	208.384903

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.979200006	0.979200006	✓
HandwheelPosition_HwDeg_M_f32	-978.640503	-978.640503	✓
HandwheelTorque_HwNm_M_f32	0.374000013	0.374000013	✓
HandwheelVelocity_HwRadpS_M_f32	-29.1191006	-29.1191006	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
STTdSelected_Cnt_M_lgc	0	0	✓

Name	Actual Value	Expected Value	Result
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	5	5	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	4	4	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	4	4	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.17 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.351900011
HandwheelPosition_HwDeg_M_f32	-250.604294
HandwheelTorque_HwNm_M_f32	-0.372000009
HandwheelVelocity_HwRadpS_M_f32	-30.8994007
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1478.4845
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.56590009
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0.2597
k_AUTORARRETMOTDAValidThresh_mS_u16	9162
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1086.86133
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.46500015
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	19.2299004
k_DDEREDEMDAVehSpdThresh_Kph_f32	71.6969986
k_ETATSECUANGLECOLSigTimeout_mS_u16	17452
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.219099998
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	34550
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	1972875556
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwSCommExportV	target_SrlComOutput_Per1_DefaultHwSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1

Name	Input Value
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-2301.51147
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	10
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.233700007
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	985.535095
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-8.80000019
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	6.27680016
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.259600013
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-107.595001
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.451599985
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	203.067093

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.233700007	0.233700007	✔
HandwheelPosition_HwDeg_M_f32	985.535095	985.535095	✔
HandwheelTorque_HwNm_M_f32	-8.80000019	-8.80000019	✔
HandwheelVelocity_HwRadpS_M_f32	6.27680016	6.27680016	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-88	-88	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefautVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.18 (Repeat Count = 1) ✓

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.678600013
HandwheelPosition_HwDeg_M_f32	-834.277588
HandwheelTorque_HwNm_M_f32	-5.07560015
HandwheelVelocity_HwRadpS_M_f32	-7.27120018
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	385.661011
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.62849998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	6.72380018
k_AUTORARRETMOTDAValidThresh_mS_u16	57811
k_DDEREDEMDAHwPosThresh_HwDeg_f32	420.531403
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.828199983
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	3.07279992
k_DDEREDEMDAVehSpdThresh_Kph_f32	1.21420002
k_ETATSECUANGLECOLSigTimeout_mS_u16	24952
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.417299986
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65249
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2795557637
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1127.62415
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	4
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	12
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.593200028
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1143.96729
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	8.80000019
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-4.30800009
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.120499998
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-232.488693
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-2.12290001
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	74.7553024

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.593200028	0.593200028	✔

Name	Actual Value	Expected Value	Result
HandwheelPosition_HwDeg_M_f32	1143.96729	1143.96729	✔
HandwheelTorque_HwNm_M_f32	8.80000019	8.80000019	✔
HandwheelVelocity_HwRadpS_M_f32	-4.30800009	-4.30800009	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-8	-8	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	88	88	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	4	4	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	247	247	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	62	62	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-11276	-11276	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	62	62	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Test Step 2.19 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.00960000046
HandwheelPosition_HwDeg_M_f32	901.757813
HandwheelTorque_HwNm_M_f32	-2.15499997
HandwheelVelocity_HwRadpS_M_f32	27.0174999
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	277.221588
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.671
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.0531998
k_AUTORARRETMOTDAValidThresh_mS_u16	24297
k_DDEREDEMDAHwPosThresh_HwDeg_f32	320.997314
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.4509001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	30.6331005
k_DDEREDEMDAVehSpdThresh_Kph_f32	65.0631027
k_ETATSECUANGLECOLSigTimeout_mS_u16	58295
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.138999999
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	9410
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2666874021
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3134.11719
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	4
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.650900006
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	488.522308
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	0
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	27.4785995
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.769999981
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-320.895813
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.62170005
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	60.4982986

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✓
HandwheelAuthority_Uls_M_f32	0.650900006	0.650900006	✓
HandwheelPosition_HwDeg_M_f32	488.522308	488.522308	✓
HandwheelTorque_HwNm_M_f32	0	0	✓
HandwheelVelocity_HwRadpS_M_f32	27.4785995	27.4785995	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
STTdSelected_Cnt_M_lgc	1	1	✓

Name	Actual Value	Expected Value	Result
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-14	-14	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	0	0	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	3209	3209	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1574	-1574	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-31341	-31341	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.343899995
HandwheelPosition_HwDeg_M_f32	986.670105
HandwheelTorque_HwNm_M_f32	0.3565
HandwheelVelocity_HwRadpS_M_f32	21.6627998
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	262.496185
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.53509998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	1.01320004
k_AUTORARRETMOTDAValidThresh_mS_u16	57693
k_DDEREDEMDAHwPosThresh_HwDeg_f32	401.922089
k_DDEREDEMDAHwTrqThresh_HwNm_f32	1.35650003
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	13.8950996
k_DDEREDEMDAVehSpdThresh_Kph_f32	143.806107
k_ETATSECUANGLECOLSigTimeout_mS_u16	38135
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.440499991

Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	18808
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2654290904
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	538.252502
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	12
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.0144999996
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1448.41174
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	6.58419991
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-13.4379997
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.333099991
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-30.7215004
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.2020998
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	211.522705		

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.0144999996	0.0144999996	✔
HandwheelPosition_HwDeg_M_f32	1448.41174	1448.41174	✔
HandwheelTorque_HwNm_M_f32	6.58419991	6.58419991	✔
HandwheelVelocity_HwRadpS_M_f32	-13.4379997	-13.4379997	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-17	-17	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	66	66	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	307	307	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	770	770	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	192	192	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-5383	-5383	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	192	192	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.21 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.906000018
HandwheelPosition_HwDeg_M_f32	-303.175415
HandwheelTorque_HwNm_M_f32	-8.26580048
HandwheelVelocity_HwRadpS_M_f32	-9.01889992
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	405.367706
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.55489993
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	30.8386993
k_AUTORARRETMOTDAValidThresh_mS_u16	44286
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1030.27393
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.73079967
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	21.2952003
k_DDEREDEMDAVehSpdThresh_Kph_f32	229.825607
k_ETATSECUANGLECOLSigTimeout_mS_u16	21835
k_JDD2010Selected_Cnt_lgc	0

Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.0850000009
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	27887
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren|	392857452
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DefaultHwSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa|	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RampDwnStatusComplete|	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1.VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3104.03735
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	3
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.91900003
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1345.15576
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-4.87050009
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-17.4067993
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.91930002
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-624.431519
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.6954999
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1

Name	Input Value
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	63.3320999

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.91900003	0.91900003	✔
HandwheelPosition_HwDeg_M_f32	1345.15576	1345.15576	✔
HandwheelTorque_HwNm_M_f32	-4.87050009	-4.87050009	✔
HandwheelVelocity_HwRadpS_M_f32	-17.4067993	-17.4067993	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-19	-19	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-49	-49	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	997	997	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefautVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	249	249	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	249	249	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

Test Step 2.22 (Repeat Count = 1) ✓

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.983099997
HandwheelPosition_HwDeg_M_f32	-1011.90253
HandwheelTorque_HwNm_M_f32	-4.42889977
HandwheelVelocity_HwRadpS_M_f32	25.6583996
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	662.463379
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.12180042
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.1669998
k_AUTORARRETMOTDAValidThresh_mS_u16	30240
k_DDEREDEMDAHwPosThresh_HwDeg_f32	357.906097
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.9701004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	2.84559989
k_DDEREDEMDAVehSpdThresh_Kph_f32	102.773903
k_ETATSECUANGLECOLSigTimeout_mS_u16	55291
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.45660001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	31999
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	359126330
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwSCommExportV	target_SrlComOutput_Per1_DefaultHwSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-125.9944
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	8
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.316399992
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1433.18738
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	1.15100002
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-32
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.0498000011
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	200.907394
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.04150009
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	82.4730988

Name	Actual Value	Expected Value	Result
DefaultHwSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.316399992	0.316399992	✔
HandwheelPosition_HwDeg_M_f32	-1433.18738	-1433.18738	✔
HandwheelTorque_HwNm_M_f32	1.15100002	1.15100002	✔
HandwheelVelocity_HwRadpS_M_f32	-32	-32	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	12	12	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.23 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.977599978
HandwheelPosition_HwDeg_M_f32	86.1996994
HandwheelTorque_HwNm_M_f32	0.871800005
HandwheelVelocity_HwRadpS_M_f32	-7.52519989
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	56.1437988
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.7493
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.1956005
k_AUTORARRETMOTDAValidThresh_mS_u16	24478
k_DDEREDEMDAHwPosThresh_HwDeg_f32	454.557312
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.38899994
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	24.3892994
k_DDEREDEMDAVehSpdThresh_Kph_f32	150.925293
k_ETATSECUANGLECOLSigTimeout_mS_u16	54611
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.779100001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	22173
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3262124405
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwSCommExportV	target_SrlComOutput_Per1_DefaultHwSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0

Name	Input Value
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	659.114807
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	0
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.827300012
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1256.55713
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	7.43109989
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	32
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.963
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	814.806885
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.946399987
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	175.738693

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.827300012	0.827300012	✔
HandwheelPosition_HwDeg_M_f32	1256.55713	1256.55713	✔
HandwheelTorque_HwNm_M_f32	7.43109989	7.43109989	✔
HandwheelVelocity_HwRadpS_M_f32	32	32	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	4	4	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	74	74	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefautVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.24 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.865800023
HandwheelPosition_HwDeg_M_f32	1593.57947
HandwheelTorque_HwNm_M_f32	1.74189997
HandwheelVelocity_HwRadpS_M_f32	-0.451299995
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1267.20129
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.83460045
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	12.0703001
k_AUTORARRETMOTDAValidThresh_mS_u16	41832
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1062.57666
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.879599988
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	16.1306

Name	Input Value
k_DDEREDEMDAVehSpdThresh_Kph_f32	132.7771
k_ETATSECUANGLECOLSigTimeout_mS_u16	37974
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.350800008
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	60072
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren|	718337759
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause|	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f|	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe|	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa|	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete|	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-1430.82507
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.889800012
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1350.43359
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	3.33590007
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.605700016
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1506.94177
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1

Name	Input Value
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	8.88910007
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	190.626007

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.889800012	0.889800012	✔
HandwheelPosition_HwDeg_M_f32	-1350.43359	-1350.43359	✔
HandwheelTorque_HwNm_M_f32	3.33590007	3.33590007	✔
HandwheelVelocity_HwRadpS_M_f32	0	0	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	36	36	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	33	33	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Test Step 2.25 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.164700001
HandwheelPosition_HwDeg_M_f32	1537.95569
HandwheelTorque_HwNm_M_f32	6.04309988
HandwheelVelocity_HwRadpS_M_f32	-27.0716
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1338.00623
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.07250023
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.5193996
k_AUTORARRETMOTDAValidThresh_mS_u16	10312
k_DDEREDEMDAHwPosThresh_HwDeg_f32	184.448395
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.97230005
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	26.4796009
k_DDEREDEMDAVehSpdThresh_Kph_f32	9.73260021
k_ETATSECUANGLECOLSigTimeout_mS_u16	46807
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.268299997
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	54203
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2017186054
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hw	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	13.3804998
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	13
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.299699992
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1544.39246
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-5.92710018
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	27.4780998
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.278400004
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-453.153107
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.89510012
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	115.060501

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.299699992	0.299699992	✔
HandwheelPosition_HwDeg_M_f32	1544.39246	1544.39246	✔
HandwheelTorque_HwNm_M_f32	-5.92710018	-5.92710018	✔
HandwheelVelocity_HwRadpS_M_f32	27.4780998	27.4780998	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	20	20	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-59	-59	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Test Step 2.26 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.735899985
HandwheelPosition_HwDeg_M_f32	-1225.90894
HandwheelTorque_HwNm_M_f32	3.15709996
HandwheelVelocity_HwRadpS_M_f32	-1.26199996
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	531.095276
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.23850012
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.6576996
k_AUTORARRETMOTDAValidThresh_mS_u16	60633
k_DDEREDEMDAHwPosThresh_HwDeg_f32	281.518311
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.48050022
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.504499972
k_DDEREDEMDAVehSpdThresh_Kph_f32	24.9188004
k_ETATSECUANGLECOLSigTimeout_mS_u16	25647
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.125400007
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	43829

Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2383337553
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f:	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	4
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-3.72830009
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	4
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	2
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.978799999
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-854.286316
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-4.13940001
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-17.6581001
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.753099978
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-78.3038025
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.17460012
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	230.483704

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.978799999	0.978799999	✔
HandwheelPosition_HwDeg_M_f32	-854.286316	-854.286316	✔
HandwheelTorque_HwNm_M_f32	-4.13940001	-4.13940001	✔
HandwheelVelocity_HwRadpS_M_f32	-17.6581001	-17.6581001	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-25	-25	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-41	-41	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	4	4	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.27 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.494300008
HandwheelPosition_HwDeg_M_f32	-554.795593
HandwheelTorque_HwNm_M_f32	-1.9619
HandwheelVelocity_HwRadpS_M_f32	-28.1336002
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	597.318481
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.14910007
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.5778999
k_AUTORARRETMOTDAValidThresh_mS_u16	30543
k_DDEREDEMDAHwPosThresh_HwDeg_f32	289.477295
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.09380007
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.76660013
k_DDEREDEMDAVehSpdThresh_Kph_f32	54.3769989
k_ETATSECUANGLECOLSigTimeout_mS_u16	63732
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.209800005
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	51691
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	1834184100
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-698.227173
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	10
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.254099995
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-782.2323
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-4.56360006
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	17.5193996
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.59829998
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-562.955322
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.94960022
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	247.055695

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.254099995	0.254099995	✓
HandwheelPosition_HwDeg_M_f32	-782.2323	-782.2323	✓
HandwheelTorque_HwNm_M_f32	-4.56360006	-4.56360006	✓
HandwheelVelocity_HwRadpS_M_f32	17.5193996	17.5193996	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓

Name	Actual Value	Expected Value	Result
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	24	24	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-46	-46	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.28 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.799399972
HandwheelPosition_HwDeg_M_f32	620.318604
HandwheelTorque_HwNm_M_f32	8.02210045
HandwheelVelocity_HwRadpS_M_f32	1.31480002
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	412.288208
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.859099984
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	15.5452003
k_AUTORARRETMOTDAValidThresh_mS_u16	13866
k_DDEREDEMDAHwPosThresh_HwDeg_f32	533.781494
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.98869991
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.287299991
k_DDEREDEMDAVehSpdThresh_Kph_f32	149.304398
k_ETATSECUANGLECOLSigTimeout_mS_u16	43669
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.783200026
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65220
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3929783913
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwSCommExportV	target_SrlComOutput_Per1_DefaultHwSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0

Name	Input Value
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-1144.42249
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	13
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.0980999991
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	665.06189
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-0.155599996
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	29.5706005
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.263500005
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-440.423187
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.21490002
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	7.40530014

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.0980999991	0.0980999991	✔
HandwheelPosition_HwDeg_M_f32	665.06189	665.06189	✔
HandwheelTorque_HwNm_M_f32	-0.155599996	-0.155599996	✔
HandwheelVelocity_HwRadpS_M_f32	29.5706005	29.5706005	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-29	-29	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-2	-2	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	4404	4404	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1694	-1694	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	11444	11444	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.29 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.0507999994	
HandwheelPosition_HwDeg_M_f32	-64.0398026	
HandwheelTorque_HwNm_M_f32	1.44439995	
HandwheelVelocity_HwRadpS_M_f32	-12.0084	
IsSupvDiraFirstCall_Cnt_M_lgc	1	
ReInitializeComponent_M_lgc	0	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	
STTdSelected_Cnt_M_lgc	0	
VehicleSpeedValid_Cnt_M_lgc	0	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	350.009613	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.35039997	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.5701008	
k_AUTORARRETMOTDAValidThresh_mS_u16	4045	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1565.63257	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.5065002	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.2777004	

Name	Input Value
k_DDEREDEMDAVehSpdThresh_Kph_f32	58.8684998
k_ETATSECUANGLECOLSigTimeout_mS_u16	35587
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.439300001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	53728
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren|	17001042
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe|	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa|	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-1102.55286
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	3
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.979099989
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-723.547485
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-2.65799999
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	12.3148003
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.945200026
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	128.495499
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0

Name	Input Value
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.59600019
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	68.0669022

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.979099989	0.979099989	✔
HandwheelPosition_HwDeg_M_f32	-723.547485	-723.547485	✔
HandwheelTorque_HwNm_M_f32	-2.65799999	-2.65799999	✔
HandwheelVelocity_HwRadpS_M_f32	12.3148003	12.3148003	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-18	-18	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-27	-27	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.30 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.918299973
HandwheelPosition_HwDeg_M_f32	142.072403
HandwheelTorque_HwNm_M_f32	-3.78340006
HandwheelVelocity_HwRadpS_M_f32	7.16429996
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	765.984802
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.24989986
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.0671997
k_AUTORARRETMOTDAValidThresh_mS_u16	15406
k_DDEREDEMDAHwPosThresh_HwDeg_f32	956.31311
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.3647003
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	4.7487998
k_DDEREDEMDAVehSpdThresh_Kph_f32	28.0881996
k_ETATSECUANGLECOLSigTimeout_mS_u16	43943
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.0176999997
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	13534
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2840035789
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hw	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-216.163803
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	14
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.611899972
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	491.176788
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-3.5302
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-23.3421993
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.568199992
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1266.15894
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-1.70650005
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	201.205902

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.611899972	0.611899972	✔
HandwheelPosition_HwDeg_M_f32	491.176788	491.176788	✔
HandwheelTorque_HwNm_M_f32	-3.5302	-3.5302	✔
HandwheelVelocity_HwRadpS_M_f32	-23.3421993	-23.3421993	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
STTdSelected_Cnt_M_lgc	0	0	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-7	-7	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-35	-35	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1337	1337	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Test Step 2.31 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.663500011
HandwheelPosition_HwDeg_M_f32	-25.9123001
HandwheelTorque_HwNm_M_f32	4.99289989
HandwheelVelocity_HwRadpS_M_f32	26.6257992
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	889.938721
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.65920019
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	19.9207001
k_AUTORARRETMOTDAValidThresh_mS_u16	13870
k_DDEREDEMDAHwPosThresh_HwDeg_f32	789.201721
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.5769999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	30.9703007
k_DDEREDEMDAVehSpdThresh_Kph_f32	90.6612015
k_ETATSECUANGLECOLSigTimeout_mS_u16	62263
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.220300004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	3013

Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3550646175
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3031.09155
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	10
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.879599988
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-15.9369001
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-6.22149992
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	26.9748001
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.912400007
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1036.90308
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	9.3973999
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	184.486206

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.879599988	0.879599988	✔
HandwheelPosition_HwDeg_M_f32	-15.9369001	-15.9369001	✔
HandwheelTorque_HwNm_M_f32	-6.22149992	-6.22149992	✔
HandwheelVelocity_HwRadpS_M_f32	26.9748001	26.9748001	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	38	38	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-62	-62	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1546	-1546	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-30311	-30311	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Test Step 2.32 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.653199971
HandwheelPosition_HwDeg_M_f32	711.934204
HandwheelTorque_HwNm_M_f32	-2.72029996
HandwheelVelocity_HwRadpS_M_f32	20.2047005
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1237.73657
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.07820034
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	5.51970005
k_AUTORARRETMOTDAValidThresh_mS_u16	21911
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1520.11035
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.07870007
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	20.6117001
k_DDEREDEMDAVehSpdThresh_Kph_f32	50.8699989
k_ETATSECUANGLECOLSigTimeout_mS_u16	37316
k_JDD2010Selected_Cnt_lgc	0

Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.421499997
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	27359
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2403057394
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExport\	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe|	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa|	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-2339.89111
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.579100013
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1420.66125
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	2.55879998
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	12.7840996
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.106700003
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	582.07489
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.60950005
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	53.5495987		

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.579100013	0.579100013	✔
HandwheelPosition_HwDeg_M_f32	-1420.66125	-1420.66125	✔
HandwheelTorque_HwNm_M_f32	2.55879998	2.55879998	✔
HandwheelVelocity_HwRadpS_M_f32	12.7840996	12.7840996	✔
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
ReInitializeComponent_M_lgc	0	0	✔
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✔
STTdSelected_Cnt_M_lgc	1	1	✔
VehicleSpeedValid_Cnt_M_lgc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	6	6	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	26	26	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefautVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Actual Function	Count	Expected Function	Count	Result
Test Step Call Trace				✔
SrlComOutput_ReInit	1	SrlComOutput_ReInit	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✔
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✔
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✔
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetCpleVolantOptimse

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3	
Successful	3	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

Unit Test Information*

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

****

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS1.1 1989.00 Cycles
TS1.2 2068.00 Cycles
```

Description Vector Description:

TS1.1Shortest Execution Path:
if(TRUE == HandwheelTorqueFault_T_lgc)==>True

TS1.2Longest Execution Path:
if(TRUE == HandwheelTorqueFault_T_lgc)==>False,
((HandwheelTorque_HwNm_M_f32) >= (10.0f))==>False,
((HandwheelTorque_HwNm_M_f32) <= ((-10.0f)))==>False,
((CpleVolantOptimse_Cnt_T_f32) < 0.0f)==>True

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value		
HandwheelTorque_HwNm_M_f32	8.80000019		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolantOptimse()	127	127	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value		
HandwheelTorque_HwNm_M_f32	-8.80000019		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolantOptimse()	-88	-88	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Case 2: Range Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS2.1 1989.00 Cycles
TS2.2 1989.00 Cycles
TS2.3 1989.00 Cycles
TS2.4 1989.00 Cycles
TS2.5 1989.00 Cycles
TS2.6 1989.00 Cycles
TS2.7 1989.00 Cycles
```

Description Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3HandwheelTorque_HwNm_M_f32==>Min
TS2.4HandwheelTorque_HwNm_M_f32==>Max
TS2.5HandwheelTorque_HwNm_M_f32==>Zero
TS2.6HandwheelTorque_HwNm_M_f32==>Pos
TS2.7HandwheelTorque_HwNm_M_f32==>Neg

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value		
HandwheelTorque_HwNm_M_f32	-8.80000019		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolantOptimse()	-88	-88	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 2.2 (Repeat Count = 1) ✔

Name	Input Value		
HandwheelTorque_HwNm_M_f32	8.80000019		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolantOptimse()	127	127	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value		
HandwheelTorque_HwNm_M_f32	-8.80000019		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolantOptimse()	-88	-88	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value		
HandwheelTorque_HwNm_M_f32	8.80000019		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolantOptimse()	88	88	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 2.5 (Repeat Count = 1) ✔

Name	Input Value		
HandwheelTorque_HwNm_M_f32	0		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolantOptimse()	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value		
HandwheelTorque_HwNm_M_f32	2.60520005		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolantOptimse()	26	26	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	

Test Step 2.7 (Repeat Count = 1)			✔
Name	**Input Value**		
HandwheelTorque_HwNm_M_f32	-5.15380001		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolantOptimse()	-52	-52	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	

Test Case 3: Path Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS3.1 1984.00 Cycles
TS3.2 1988.00 Cycles
```

Description   Vector Description:

TS3.1 ((HandwheelTorque_HwNm_M_f32) >= (10.0f))==>True
TS3.2 ((HandwheelTorque_HwNm_M_f32) >= (-10.0f))==>True

Test Step 3.1 (Repeat Count = 1)			✔
Name	**Input Value**		
HandwheelTorque_HwNm_M_f32	10		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolantOptimse()	100	100	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	

Test Step 3.2 (Repeat Count = 1)			✔
Name	**Input Value**		
HandwheelTorque_HwNm_M_f32	-10		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolantOptimse()	-100	-100	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_DYN_DAE_Get

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'SrlComOutput'	**Unit Test Information** Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrlComOutput.c Code File(s) Version: 21 Module Design Document: SrlComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m". **

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	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Range Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS 1.1 1122.00 Cycles
Description	Vector Description: TS1.1 Check for call trace

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
IsDynDae	NULL
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	NULL

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetEtatDa2010

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2	
Successful	2	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

Unit Test Information

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

****

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS1.1 42.00 Cycles
TS1.2 42.00 Cycles
```

Description   Vector Description:

TS1.1 Shortest Execution Path:
if((k_JDD2010Selected_Cnt_lgc == FALSE)==>True ||
(EtatDa2_Cnt_T_lgc == TRUE))==>True

TS1.2 Longest Execution Path:
if((k_JDD2010Selected_Cnt_lgc == FALSE)==>False ||
(EtatDa2_Cnt_T_lgc == TRUE)==>False)==>False

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2010()	2	2	✔

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		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	1		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2010()	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Case 2: Range Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS2.1 42.00 Cycles
TS2.2 42.00 Cycles
TS2.3 42.00 Cycles
TS2.4 42.00 Cycles
TS2.5 42.00 Cycles
TS2.6 42.00 Cycles
```

Description   Vector Description:

TS2.1   All Min
TS2.2   All Max
TS2.3   EtatDa2_Cnt_T_lgc==>Min
TS2.4   EtatDa2_Cnt_T_lgc==>Max
TS2.5   k_JDD2010Selected_Cnt_lgc==>Min
TS2.6   k_JDD2010Selected_Cnt_lgc==>Max

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2010()	2	2	✔

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		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2010()	2	2	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	1		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2010()	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2010()	2	2	✔

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		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2010()	2	2	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetEtatDa2010()	2	2	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_DYN_DAE

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3	
Successful	3	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

Unit Test Information

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

****

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS1.1 3661.00 Cycles
TS1.2 3886.00 Cycles
```

Description   Vector Description:

TS1.1Shortest Execution Path:
AVAorESCOffsCfgSeld_Cnt_T_lgc = (boolean)((TRUE == Rte_IRead_SrlComOutput_Per1_AVASelected_Cnt_lgc())==>False ||
 (TRUE == Rte_IRead_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc())==>False)==>False,
CavHCandLXASelected_Cnt_T_lgc = (boolean)((TRUE == Rte_IRead_SrlComOutput_Per1_LXASelected_Cnt_lgc())==>False &&
 (TRUE == Rte_IRead_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc()))==>False,
if((TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>False || (FALSE == RelHwPosnVldToSerlCom_Cnt_M_lgc)==>True)==>True,
if(TRUE == CityParkSelected_Cnt_T_lgc)==>False

TS1.2Longest Execution Path:
AVAorESCOffsCfgSeld_Cnt_T_lgc = (boolean)((TRUE == Rte_IRead_SrlComOutput_Per1_AVASelected_Cnt_lgc())==>False ||
 (TRUE == Rte_IRead_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc())==>False)==>False,
CavHCandLXASelected_Cnt_T_lgc = (boolean)((TRUE == Rte_IRead_SrlComOutput_Per1_LXASelected_Cnt_lgc())==>False &&
 (TRUE == Rte_IRead_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc()))==>False,
if((TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>False || (FALSE == RelHwPosnVldToSerlCom_Cnt_M_lgc)==>False)==>False,
if (TRUE == AVAorESCOffsCfgSeld_Cnt_T_lgc)==>False,
else if ((TRUE == CavHCandLXASelected_Cnt_T_lgc)==>True && (1.0f <= HandwheelAuthority_Uls_M_f32)==>True)==>True,
(((HandwheelPosition_HwDeg_M_f32 * (-1.0f))) >= (1630.0f)))==>False,
(((HandwheelPosition_HwDeg_M_f32 * (-1.0f))) >= ((-1630.0f)))==>False,
((ANGLECOLONNE_Cnt_T_f32) < 0.0f)==>True,
if ((TRUE == AVAorESCOffsCfgSeld_Cnt_T_lgc)==>False ||
 (TRUE == CavHCandLXASelected_Cnt_T_lgc)==>True && (1.0f <= HandwheelAuthority_Uls_M_f32)==>True)==>True)==>True,
if(k_ETATSECUANGLECOLSigTimeout_mS_u16 <= ElapsedTime_mS_T_u16)==>False,
if(TRUE == CityParkSelected_Cnt_T_lgc)==>False

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0
HandwheelPosition_HwDeg_M_f32	-1600
HandwheelTorque_HwNm_M_f32	-8.80000019
HandwheelVelocity_HwRadpS_M_f32	-32
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	0
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-88	-88	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1833	1833	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 1.2 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	806.247681
HandwheelTorque_HwNm_M_f32	5.21379995
HandwheelVelocity_HwRadpS_M_f32	-27.4543991
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	64732
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	23580
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1601.78491

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	-8062	-8062	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	1573	1573	✓

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Case 2: Range Test ✔

Specification   Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS2.1 3715.00 Cycles
TS2.2 3752.00 Cycles
TS2.3 3795.00 Cycles
TS2.4 3922.00 Cycles
TS2.5 3861.00 Cycles
TS2.6 3847.00 Cycles
TS2.7 3771.00 Cycles
TS2.8 3814.00 Cycles
TS2.9 3780.00 Cycles
TS2.10 3706.00 Cycles
TS2.11 3807.00 Cycles
TS2.12 3706.00 Cycles
TS2.13 3753.00 Cycles
TS2.14 3737.00 Cycles
TS2.15 3903.00 Cycles
TS2.16 3724.00 Cycles
TS2.17 3702.00 Cycles
TS2.18 3700.00 Cycles
TS2.19 3707.00 Cycles
TS2.20 3642.00 Cycles
TS2.21 3762.00 Cycles
TS2.22 3711.00 Cycles
TS2.23 3697.00 Cycles
TS2.24 3696.00 Cycles
TS2.25 3705.00 Cycles
TS2.26 3837.00 Cycles
TS2.27 3670.00 Cycles
TS2.28 3696.00 Cycles
TS2.29 3670.00 Cycles
TS2.30 3762.00 Cycles
TS2.31 3674.00 Cycles
TS2.32 3694.00 Cycles
TS2.33 3839.00 Cycles
TS2.34 3682.00 Cycles
TS2.35 3821.00 Cycles
TS2.36 3745.00 Cycles
TS2.37 3785.00 Cycles
TS2.38 3814.00 Cycles
TS2.39 3649.00 Cycles
TS2.40 3769.00 Cycles
TS2.41 3837.00 Cycles
TS2.42 3850.00 Cycles
TS2.43 3879.00 Cycles
TS2.44 3794.00 Cycles
TS2.45 3856.00 Cycles
TS2.46 3879.00 Cycles
TS2.47 3855.00 Cycles
TS2.48 3843.00 Cycles
TS2.49 3843.00 Cycles
TS2.50 3793.00 Cycles
TS2.51 3879.00 Cycles
TS2.52 3793.00 Cycles
TS2.53 3757.00 Cycles
TS2.54 3710.00 Cycles
TS2.55 3599.00 Cycles
TS2.56 3654.00 Cycles

Description

Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3RelHwPosnToSerlCom_HwDeg_f32==>Min
TS2.4RelHwPosnToSerlCom_HwDeg_f32==>Max
TS2.5RelHwPosnToSerlCom_HwDeg_f32==>Zero
TS2.6RelHwPosnToSerlCom_HwDeg_f32==>Pos
TS2.7RelHwPosnToSerlCom_HwDeg_f32==>Neg
TS2.8AVASelected_Cnt_lgc==>Min
TS2.9AVASelected_Cnt_lgc==>Max
TS2.10ESCOffsCfgSeld_Cnt_lgc==>Min
TS2.11ESCOffsCfgSeld_Cnt_lgc==>Max
TS2.12LXASelected_Cnt_lgc==>Min
TS2.13LXASelected_Cnt_lgc==>Max
TS2.14CAVHCSelected_Cnt_lgc==>Min
TS2.15CAVHCSelected_Cnt_lgc==>Max
TS2.16CityParkSelected_Cnt_lgc==>Min
TS2.17CityParkSelected_Cnt_lgc==>Max
TS2.18APAState_Cnt_enum==>PSAAPAST_UNAVL
TS2.19APAState_Cnt_enum==>PSAAPAST_AVL
TS2.20APAState_Cnt_enum==>PSAAPAST_CTRLPRGS
TS2.21APAState_Cnt_enum==>PSAAPAST_DFCT
TS2.22APAStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_NOINTRPT
TS2.23APAStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_DRVRINTV
TS2.24APAStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_VEHSPDHI
TS2.25APAStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_AGLERR
TS2.26APAStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_MTRSTALL
TS2.27APAStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_UNUSED
TS2.28APAStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_THERMLIM
TS2.29APAStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_OTHERERR
TS2.30AgArbnStToSerlCom_Cnt_enum==>PSAAGARBNST_STININ
TS2.31AgArbnStToSerlCom_Cnt_enum==>PSAAGARBNST_STPND
TS2.32AgArbnStToSerlCom_Cnt_enum==>PSAAGARBNST_STNOSYNCN
TS2.33AgArbnStToSerlCom_Cnt_enum==>PSAAGARBNST_STESCSYNCN
TS2.34AgArbnStToSerlCom_Cnt_enum==>PSAAGARBNST_STDIAGSYNCN
TS2.35AgArbnStToSerlCom_Cnt_enum==>PSAAGARBNST_STALTVSYNCN
TS2.36AgArbnStToSerlCom_Cnt_enum==>PSAAGARBNST_UNUSED
TS2.37AgArbnStToSerlCom_Cnt_enum==>PSAAGARBNST_STFAIL
TS2.38DefaultHwaSCommExportValue_Cnt_M_lgc==>Min
TS2.39DefaultHwaSCommExportValue_Cnt_M_lgc==>Max
TS2.40RelHwPosnVldToSerlCom_Cnt_M_lgc==>Min
TS2.41RelHwPosnVldToSerlCom_Cnt_M_lgc==>Max
TS2.42HandwheelAuthority_Uls_M_f32==>Min
TS2.43HandwheelAuthority_Uls_M_f32==>Max
TS2.44HandwheelAuthority_Uls_M_f32==>Pos
TS2.45HandwheelPosition_HwDeg_M_f32==>Min
TS2.46HandwheelPosition_HwDeg_M_f32==>Max
TS2.47HandwheelPosition_HwDeg_M_f32==>Zero
TS2.48HandwheelPosition_HwDeg_M_f32==>Pos
TS2.49HandwheelPosition_HwDeg_M_f32==>Neg
TS2.50k_ETATSECUANGLECOLSigTimeout_mS_u16==>Min
TS2.51k_ETATSECUANGLECOLSigTimeout_mS_u16==>Max
TS2.52k_ETATSECUANGLECOLSigTimeout_mS_u16==>Default
TS2.53k_ETATSECUANGLECOLSigTimeout_mS_u16==>Pos
TS2.54Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Min
TS2.55Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Max
TS2.56Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Pos

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0
HandwheelPosition_HwDeg_M_f32	-1600
HandwheelTorque_HwNm_M_f32	-8.80000019
HandwheelVelocity_HwRadpS_M_f32	-32
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	0
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0

Name	Input Value		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-88	-88	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1833	1833	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.2 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	1	
HandwheelPosition_HwDeg_M_f32	1600	
HandwheelTorque_HwNm_M_f32	8.80000019	
HandwheelVelocity_HwRadpS_M_f32	32	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	65535	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65535	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.723200023
HandwheelPosition_HwDeg_M_f32	1147.94702
HandwheelTorque_HwNm_M_f32	2.15510011
HandwheelVelocity_HwRadpS_M_f32	-19.1114998
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	25441
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	60296
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	16300	16300	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1095	1095	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.489600003
HandwheelPosition_HwDeg_M_f32	1238.12695
HandwheelTorque_HwNm_M_f32	-4.11980009
HandwheelVelocity_HwRadpS_M_f32	0.213

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	56346
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	34491
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	4
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	-16300	-16300	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-12	-12	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.5 (Repeat Count = 1)		✓
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.532899976	
HandwheelPosition_HwDeg_M_f32	1497.67285	
HandwheelTorque_HwNm_M_f32	-6.66200018	
HandwheelVelocity_HwRadpS_M_f32	-12.7137003	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	41317	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	54630	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	

Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	728	728	✔

Test Step Call Trace — ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.6 (Repeat Count = 1) — ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_UIs_M_f32	0.32280001
HandwheelPosition_HwDeg_M_f32	1382.19739
HandwheelTorque_HwNm_M_f32	-5.01359987
HandwheelVelocity_HwRadpS_M_f32	-3.87879992
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	42032
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	16639
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	847.598083

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-8476	-8476	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	222	222	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.752300024
HandwheelPosition_HwDeg_M_f32	1453.27722
HandwheelTorque_HwNm_M_f32	4.96519995
HandwheelVelocity_HwRadpS_M_f32	14.5092001
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	49831
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	39248
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1134.15735

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	50	50	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	5	5	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	11342	11342	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-831	-831	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.533999979
HandwheelPosition_HwDeg_M_f32	57.8494987
HandwheelTorque_HwNm_M_f32	-4.65240002
HandwheelVelocity_HwRadpS_M_f32	-14.6478004

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	53665
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elap	23656
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-793.066895

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	7931	7931	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	839	839	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.9 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.717199981	
HandwheelPosition_HwDeg_M_f32	-804.233398	
HandwheelTorque_HwNm_M_f32	6.78599977	
HandwheelVelocity_HwRadpS_M_f32	-28.9862995	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	30065	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elap	13822	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	4	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	

Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1052.56177

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	10526	10526	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1661	1661	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.10 (Repeat Count = 1)	✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.932299972
HandwheelPosition_HwDeg_M_f32	-41.8378983
HandwheelTorque_HwNm_M_f32	-8.20470047
HandwheelVelocity_HwRadpS_M_f32	18.2700996
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	31969
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1816
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	4
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1473.21143

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1047	-1047	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.11 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.416200012
HandwheelPosition_HwDeg_M_f32	-786.7547
HandwheelTorque_HwNm_M_f32	4.13409996
HandwheelVelocity_HwRadpS_M_f32	12.6204996
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	14507
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	16781
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1575.9342

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-15759	-15759	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-723	-723	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.12 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.231600001
HandwheelPosition_HwDeg_M_f32	570.204102
HandwheelTorque_HwNm_M_f32	-3.21749997
HandwheelVelocity_HwRadpS_M_f32	7.00279999

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	6053
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	37680
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1488.09436

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-401	-401	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse		1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault		1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed		4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32		1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne		1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg		1	✔

Test Step 2.13 (Repeat Count = 1)	✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.594399989
HandwheelPosition_HwDeg_M_f32	-1010.31879
HandwheelTorque_HwNm_M_f32	-7.00080013
HandwheelVelocity_HwRadpS_M_f32	21.8626003
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	3185
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	11794
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	4
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0

Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1139.79272

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-70	-70	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1253	-1253	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.14 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.0441000015	
HandwheelPosition_HwDeg_M_f32	1586.72083	
HandwheelTorque_HwNm_M_f32	2.6565001	
HandwheelVelocity_HwRadpS_M_f32	-1.25769997	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	62687	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	32862	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	4	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-167.498001	

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	72	72	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.15 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	806.247681
HandwheelTorque_HwNm_M_f32	5.21379995
HandwheelVelocity_HwRadpS_M_f32	-27.4543991
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	64732
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	23580
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1601.78491

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-8062	-8062	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1573	1573	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.16 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.855099976
HandwheelPosition_HwDeg_M_f32	1130.74561
HandwheelTorque_HwNm_M_f32	-1.04809999
HandwheelVelocity_HwRadpS_M_f32	5.35349989

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	20975
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	62954
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	218.665207

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.17 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.0482000001	
HandwheelPosition_HwDeg_M_f32	123.649803	
HandwheelTorque_HwNm_M_f32	-6.29580021	
HandwheelVelocity_HwRadpS_M_f32	-17.9410992	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	8382	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	38542	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0	

Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	682.205627

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.18 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.282700002	
HandwheelPosition_HwDeg_M_f32	-734.819275	
HandwheelTorque_HwNm_M_f32	-2.00609994	
HandwheelVelocity_HwRadpS_M_f32	28.8647995	
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	58039	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	50475	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-940.769592	

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1654	-1654	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.19 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.172700003
HandwheelPosition_HwDeg_M_f32	504.453888
HandwheelTorque_HwNm_M_f32	-7.35389996
HandwheelVelocity_HwRadpS_M_f32	-11.2845001
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	33188
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	52144
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	663.751221

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-74	-74	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.109899998
HandwheelPosition_HwDeg_M_f32	841.036011
HandwheelTorque_HwNm_M_f32	-7.06879997
HandwheelVelocity_HwRadpS_M_f32	-23.6107006

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	30193
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40514
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	410.326813

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.21 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.844399989	
HandwheelPosition_HwDeg_M_f32	-885.461609	
HandwheelTorque_HwNm_M_f32	-7.0630002	
HandwheelVelocity_HwRadpS_M_f32	-19.7870998	
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	16587	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	16339	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	

Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-578.208191

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1134	1134	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.22 (Repeat Count = 1)	✔
Name	**Input Value**
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.298200011
HandwheelPosition_HwDeg_M_f32	-710.310486
HandwheelTorque_HwNm_M_f32	4.14470005
HandwheelVelocity_HwRadpS_M_f32	4.71409988
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	18678
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65020
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	962.829895

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-270	-270	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.23 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.802699983
HandwheelPosition_HwDeg_M_f32	44.5177002
HandwheelTorque_HwNm_M_f32	-8.58240032
HandwheelVelocity_HwRadpS_M_f32	2.30320001
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	52897
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	18338
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	718.926514

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.24 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.414000005
HandwheelPosition_HwDeg_M_f32	746.486206
HandwheelTorque_HwNm_M_f32	-4.11619997
HandwheelVelocity_HwRadpS_M_f32	20.3913994

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	6502
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35463
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	4
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-617.203918

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	4	4	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1168	-1168	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.25 (Repeat Count = 1)		✓
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.218899995	
HandwheelPosition_HwDeg_M_f32	-1404.28357	
HandwheelTorque_HwNm_M_f32	-2.74679995	
HandwheelVelocity_HwRadpS_M_f32	-1.31340003	
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	27074	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	42927	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	

Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	700.192505

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-27	-27	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	75	75	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.26 (Repeat Count = 1)	✔
Name	**Input Value**
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.686399996
HandwheelPosition_HwDeg_M_f32	-152.709793
HandwheelTorque_HwNm_M_f32	-8.46119976
HandwheelVelocity_HwRadpS_M_f32	1.77330005
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	61311
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	53913
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	4
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-953.01947

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	9530	9530	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-102	-102	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.27 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.540799975
HandwheelPosition_HwDeg_M_f32	306.007111
HandwheelTorque_HwNm_M_f32	-0.179700002
HandwheelVelocity_HwRadpS_M_f32	-24.031601
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	52591
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	27386
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	852.391479

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	5	5	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.28 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.988699973
HandwheelPosition_HwDeg_M_f32	1488.6748
HandwheelTorque_HwNm_M_f32	-2.59380007
HandwheelVelocity_HwRadpS_M_f32	7.84149981

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	64989
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	24820
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	252.3517

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-449	-449	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.29 (Repeat Count = 1)		✓
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.563399971	
HandwheelPosition_HwDeg_M_f32	-670.378174	
HandwheelTorque_HwNm_M_f32	5.07679987	
HandwheelVelocity_HwRadpS_M_f32	-21.1231995	
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	53299	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	52432	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	

Name	Input Value		
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1469.46985		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.30 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.384299994	
HandwheelPosition_HwDeg_M_f32	-425.400085	
HandwheelTorque_HwNm_M_f32	2.2802	
HandwheelVelocity_HwRadpS_M_f32	16.1879997	
RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	6495	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	31754	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	578.363586	

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-928	-928	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.31 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.850399971
HandwheelPosition_HwDeg_M_f32	-1264.71008
HandwheelTorque_HwNm_M_f32	-8.53180027
HandwheelVelocity_HwRadpS_M_f32	21.281601
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	850
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	323
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	401.488708

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-85	-85	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.32 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.849900007
HandwheelPosition_HwDeg_M_f32	-131.584198
HandwheelTorque_HwNm_M_f32	4.31570005
HandwheelVelocity_HwRadpS_M_f32	-19.5489006

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	14325
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	57277
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1622.08154

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1120	1120	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.33 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.614099979
HandwheelPosition_HwDeg_M_f32	-102.231499
HandwheelTorque_HwNm_M_f32	-6.30999994
HandwheelVelocity_HwRadpS_M_f32	-3.44449997
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	13711
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	53121
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0

Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1144.17566

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	11442	11442	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	197	197	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.34 (Repeat Count = 1)		✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.108000003
HandwheelPosition_HwDeg_M_f32	-737.90387
HandwheelTorque_HwNm_M_f32	3.23200011
HandwheelVelocity_HwRadpS_M_f32	14.4826002
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	37054
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	61979
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	4
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-386.519104

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	4	4	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.35 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.724699974
HandwheelPosition_HwDeg_M_f32	1421.82092
HandwheelTorque_HwNm_M_f32	6.99529982
HandwheelVelocity_HwRadpS_M_f32	30.2765999
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	34280
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	31536
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1024.13159

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1735	-1735	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.36 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.536000013
HandwheelPosition_HwDeg_M_f32	1265.89856
HandwheelTorque_HwNm_M_f32	7.59989977
HandwheelVelocity_HwRadpS_M_f32	21.5713005

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	8601
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	10345
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-155.403793

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1236	-1236	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.37 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.949599981
HandwheelPosition_HwDeg_M_f32	-898.95929
HandwheelTorque_HwNm_M_f32	1.82720006
HandwheelVelocity_HwRadpS_M_f32	8.23859978
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	21955
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	57410
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0

Name	Input Value		
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	428.937408		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	18	18	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-4289	-4289	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-472	-472	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.38 (Repeat Count = 1)			✔
Name	**Input Value**		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelAuthority_Uls_M_f32	0.681200027		
HandwheelPosition_HwDeg_M_f32	1298.76965		
HandwheelTorque_HwNm_M_f32	-5.90339994		
HandwheelVelocity_HwRadpS_M_f32	-20.7441006		
RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTin(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	3535		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	37224		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3		
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-502.482086		

Name	**Actual Value**	**Expected Value**	**Result**
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	5025	5025	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1189	1189	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.39 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.846199989
HandwheelPosition_HwDeg_M_f32	-1406.04492
HandwheelTorque_HwNm_M_f32	-8.68529987
HandwheelVelocity_HwRadpS_M_f32	23.6917
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	38980
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	60630
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	4
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1622.90686

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	4	4	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.40 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.699800014
HandwheelPosition_HwDeg_M_f32	709.929626
HandwheelTorque_HwNm_M_f32	5.46780014
HandwheelVelocity_HwRadpS_M_f32	-29.323

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	10524
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	26726
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	273.684296

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1680	1680	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.41 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.171700001	
HandwheelPosition_HwDeg_M_f32	-602.718506	
HandwheelTorque_HwNm_M_f32	-5.78649998	
HandwheelVelocity_HwRadpS_M_f32	-23.0814991	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	49834	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	41248	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0	

Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1168.4646

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-11685	-11685	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1322	1322	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.42 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0	
HandwheelPosition_HwDeg_M_f32	-692.360229	
HandwheelTorque_HwNm_M_f32	-7.95629978	
HandwheelVelocity_HwRadpS_M_f32	11.3618002	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTin(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	32629	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	38487	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	535.341309	

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-651	-651	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.43 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	-1510.74255
HandwheelTorque_HwNm_M_f32	-5.86359978
HandwheelVelocity_HwRadpS_M_f32	29.3589001
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	54097
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	5524
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1246.47815

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-59	-59	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	15107	15107	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1682	-1682	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.44 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.746900022
HandwheelPosition_HwDeg_M_f32	-315.138306
HandwheelTorque_HwNm_M_f32	-2.61529994
HandwheelVelocity_HwRadpS_M_f32	20.1429005

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	11292
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	47849
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1097.6731

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1154	-1154	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.45 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	1	
HandwheelPosition_HwDeg_M_f32	-1600	
HandwheelTorque_HwNm_M_f32	5.23390007	
HandwheelVelocity_HwRadpS_M_f32	-5.1564002	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	19441	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	24206	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	

Name	Input Value		
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1558.45007		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	16000	16000	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	295	295	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.46 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	1	
HandwheelPosition_HwDeg_M_f32	1600	
HandwheelTorque_HwNm_M_f32	4.4197998	
HandwheelVelocity_HwRadpS_M_f32	21.1151009	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	39717	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	2327	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-247.942993	

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-16000	-16000	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1210	-1210	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.47 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	0
HandwheelTorque_HwNm_M_f32	-7.66720009
HandwheelVelocity_HwRadpS_M_f32	7.74550009
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	39366
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	18598
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	4
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1598.90613

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-444	-444	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.48 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	1221.06836
HandwheelTorque_HwNm_M_f32	4.97139978
HandwheelVelocity_HwRadpS_M_f32	-5.55200005

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	56883
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	25307
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	582.970093

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-12211	-12211	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	318	318	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse		1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault		1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed		4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16		1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne		1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg		1	✔

Test Step 2.49 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	1	
HandwheelPosition_HwDeg_M_f32	-487.827393	
HandwheelTorque_HwNm_M_f32	-8.5593996	
HandwheelVelocity_HwRadpS_M_f32	-26.5065002	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	33581	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	19450	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1	

Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1285.82068

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-86	-86	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	4878	4878	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1519	1519	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.50 (Repeat Count = 1)	✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.772599995
HandwheelPosition_HwDeg_M_f32	-1408.47754
HandwheelTorque_HwNm_M_f32	-5.10300016
HandwheelVelocity_HwRadpS_M_f32	-12.0312996
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	0
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	57945
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APAState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-65.0477982

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	650	650	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	689	689	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.51 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	-1408.29321
HandwheelTorque_HwNm_M_f32	0.465600014
HandwheelVelocity_HwRadpS_M_f32	-25.3246994
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	65535
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	57571
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1056.44873

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	14083	14083	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1451	1451	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.52 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.211300001
HandwheelPosition_HwDeg_M_f32	474.048492
HandwheelTorque_HwNm_M_f32	-2.94099998
HandwheelVelocity_HwRadpS_M_f32	26.1002998

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	200
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	64855
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	878.094299

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-8781	-8781	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1495	-1495	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.53 (Repeat Count = 1)		✔
Name	**Input Value**	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.520299971	
HandwheelPosition_HwDeg_M_f32	-1575.61926	
HandwheelTorque_HwNm_M_f32	-7.45839977	
HandwheelVelocity_HwRadpS_M_f32	-10.2316999	
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
k_ETATSECUANGLECOLSigTimeout_mS_u16	57654	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	61148	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg	
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3	
target_SrlComOutput_Per1_APAState_Cnt_enum.value	2	
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0	

Name	Input Value		
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	236.941498		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-2369	-2369	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	586	586	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Test Step 2.54 (Repeat Count = 1)			✔
Name	**Input Value**		
DefaultHwaSCommExportValue_Cnt_M_lgc	1		
HandwheelAuthority_Uls_M_f32	0.00469999993		
HandwheelPosition_HwDeg_M_f32	-36.9291		
HandwheelTorque_HwNm_M_f32	-4.89550018		
HandwheelVelocity_HwRadpS_M_f32	27.5533009		
RelHwPosnVldToSerlCom_Cnt_M_lgc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTim(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	18359		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6		
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1037.44714		

Name	**Actual Value**	**Expected Value**	**Result**
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.55 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.728600025
HandwheelPosition_HwDeg_M_f32	-624.554199
HandwheelTorque_HwNm_M_f32	2.34430003
HandwheelVelocity_HwRadpS_M_f32	-14.0237999
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	29491
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65535
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APAState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	165.513107

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	23	23	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 2.56 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.518299997
HandwheelPosition_HwDeg_M_f32	98.8811035
HandwheelTorque_HwNm_M_f32	-7.57000017
HandwheelVelocity_HwRadpS_M_f32	13.3731003

Name	Input Value
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	31393
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	48972
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-165.130707

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Case 3: Path Test   ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS3.1 3849.00 Cycles
TS3.2 3898.00 Cycles
```

Description   Vector Description:

TS3.1   (((HandwheelPosition_HwDeg_M_f32 * (-1.0f))) >= (1630.0f))==>True
TS3.2   (((HandwheelPosition_HwDeg_M_f32 * (-1.0f))) <= ((-1630.0f)))==>True

Test Step 3.1 (Repeat Count = 1)   ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	-1630
HandwheelTorque_HwNm_M_f32	5.23390007
HandwheelVelocity_HwRadpS_M_f32	-5.1564002
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	19441
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	24206
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1558.45007

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	16300	16300	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	295	295	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔

Test Step 3.2 (Repeat Count = 1) ✔

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	1630
HandwheelTorque_HwNm_M_f32	4.4197998
HandwheelVelocity_HwRadpS_M_f32	21.1151009
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	39717
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	2327
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAStateTransitionCause_	target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APAState_Cnt_enum	target_SrlComOutput_Per1_APAState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APAStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APAState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-247.942993

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.AngleColonne	-16300	-16300	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1210	-1210	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✔	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔	

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_DAT_DIRA

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2	
Successful	2	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

Unit Test Information

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

****

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 5117.00 Cycles TS1.2 5305.00 Cycles

Description	Vector Description:
	
	TS1.1 Shortest Execution Path:
	if(STTdSelected_Cnt_M_lgc == FALSE)==>True,
	if((DutyCycleExceeded_Cnt_M_lgc == TRUE)==>False ||
	(AbsTempThermLimit_Cnt_M_lgc == TRUE)==>False ||
	(LowVoltageStopMode_Cnt_T_lgc == TRUE)==>False||
	(ValidEngineStatus_Cnt_T_lgc == FALSE)==>False)==>False,
	if(TRUE == LxaSelected_Cnt_T_lgc)==>False
	
	TS1.2 Longest Execution Path:
	if(STTdSelected_Cnt_M_lgc == FALSE)==>False,
	if ((hwTorqueFault_T_lgc == FALSE)==>True &&
	(VehicleSpeedValid_Cnt_M_lgc == TRUE)==>True &&
	(DefaultHwaSCommExportValue_Cnt_M_lgc == FALSE)==>True &&
	(DmdDelestDaVld_T_lgc == TRUE)==>True &&
	(IgnitionFailure_Cnt_T_lgc == FALSE)==>True)==>True,
	if ((AbsHandwheelTorque_HwNm_T_f32 > k_DDEREDEMDAHwTrqThresh_HwNm_f32)==>False||
	(AbsHandwheelVelocity_HwRadpS_T_f32 > k_DDEREDEMDAHwVelThresh_HwRadpS_f32)==>False||
	(VehicleSpeed_Kph_T_f32 > k_DDEREDEMDAVehSpdThresh_Kph_f32)==>False ||
	((HandwheelAuthority_Uls_M_f32 > k_STTdMinHwAuthority_Uls_f32)==>True&&
	(AbsHandwheelPosition_HwDeg_T_f32 > k_DDEREDEMDAHwPosThresh_HwDeg_f32)==>False)==>False)==>False,
	if (AbsHandwheelTorque_HwNm_T_f32 < k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32)==>False&&
	(AbsHandwheelVelocity_HwRadpS_T_f32 < k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32)&&
	((HandwheelAuthority_Uls_M_f32 < k_STTdMinHwAuthority_Uls_f32)||
	(AbsHandwheelPosition_HwDeg_T_f32 < k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32)))==>False,
	if (DDEREDEMDA_Cnt_T_u08 == (uint8)kDDE_REDEM_DA_Request_Reboot)==>False,
	if (ElapsedTime_mS_T_u16 >= k_AUTORARRETMOTDAValidThresh_mS_u16)==>False,
	if(TRUE == LxaSelected_Cnt_T_lgc)==>True

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.00600000005
HandwheelPosition_HwDeg_M_f32	503.288391
HandwheelTorque_HwNm_M_f32	8.63409996
HandwheelVelocity_HwRadpS_M_f32	-11.7089005
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1240.22034
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.03710008
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	30.2814999
k_AUTORARRETMOTDAValidThresh_mS_u16	5354
k_DDEREDEMDAHwPosThresh_HwDeg_f32	347.332489
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.8130002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.402799994
k_DDEREDEMDAVehSpdThresh_Kph_f32	158.417404
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.819700003
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	44046
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.72060013
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	12.2552004		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 1.2 (Repeat Count = 1)			✔
Name	**Input Value**		
AbsTempThermLimit_Cnt_M_lgc	0		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	1		
HandwheelAuthority_Uls_M_f32	0.83069998		
HandwheelPosition_HwDeg_M_f32	-265.071594		
HandwheelTorque_HwNm_M_f32	7.49849987		
HandwheelVelocity_HwRadpS_M_f32	-22.8045006		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1496.45166		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.00199986		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	20.7819004		
k_AUTORARRETMOTDAValidThresh_mS_u16	14064		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1048.4436		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.7497997		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.7980995		
k_DDEREDEMDAVehSpdThresh_Kph_f32	220.328903		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.558899999		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	26326		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-1.43799996		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	0		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-6	-6	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Case 2: Range Test   ✔

Test Case 2: Range Test

Specification

```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS2.1 5172.00 Cycles
TS2.2 5171.00 Cycles
TS2.3 5142.00 Cycles
TS2.4 5163.00 Cycles
TS2.5 5173.00 Cycles
TS2.6 5185.00 Cycles
TS2.7 5290.00 Cycles
TS2.8 5206.00 Cycles
TS2.9 5164.00 Cycles
TS2.10 5116.00 Cycles
TS2.11 5167.00 Cycles
TS2.12 5122.00 Cycles
TS2.13 5204.00 Cycles
TS2.14 5133.00 Cycles
TS2.15 5185.00 Cycles
TS2.16 5173.00 Cycles
TS2.17 5115.00 Cycles
TS2.18 5176.00 Cycles
TS2.19 5199.00 Cycles
TS2.20 5146.00 Cycles
TS2.21 5198.00 Cycles
TS2.22 5146.00 Cycles
TS2.23 5198.00 Cycles
TS2.24 5165.00 Cycles
TS2.25 5147.00 Cycles
TS2.26 5220.00 Cycles
TS2.27 5135.00 Cycles
TS2.28 5165.00 Cycles
TS2.29 5063.00 Cycles
TS2.30 5136.00 Cycles
TS2.31 5147.00 Cycles
TS2.32 5158.00 Cycles
TS2.33 5201.00 Cycles
TS2.34 5071.00 Cycles
TS2.35 5102.00 Cycles
TS2.36 5167.00 Cycles
TS2.37 5167.00 Cycles
TS2.38 5122.00 Cycles
TS2.39 5167.00 Cycles
TS2.40 5167.00 Cycles
TS2.41 5167.00 Cycles
TS2.42 5167.00 Cycles
TS2.43 5167.00 Cycles
TS2.44 5167.00 Cycles
TS2.45 5122.00 Cycles
TS2.46 5122.00 Cycles
TS2.47 5167.00 Cycles
TS2.48 5122.00 Cycles
TS2.49 5122.00 Cycles
TS2.50 5167.00 Cycles
TS2.51 5122.00 Cycles
TS2.52 5167.00 Cycles
TS2.53 5167.00 Cycles
TS2.54 5167.00 Cycles
TS2.55 5167.00 Cycles
TS2.56 5167.00 Cycles
TS2.57 5167.00 Cycles
TS2.58 5167.00 Cycles
TS2.59 5167.00 Cycles
TS2.60 5122.00 Cycles
TS2.61 5167.00 Cycles
TS2.62 5122.00 Cycles
TS2.63 5122.00 Cycles
TS2.64 5167.00 Cycles
TS2.65 5167.00 Cycles
TS2.66 5122.00 Cycles
TS2.67 5122.00 Cycles
TS2.68 5122.00 Cycles
TS2.69 5122.00 Cycles
TS2.70 5122.00 Cycles
TS2.71 5167.00 Cycles
TS2.72 5122.00 Cycles
TS2.73 5167.00 Cycles
TS2.74 5167.00 Cycles
TS2.75 5122.00 Cycles
TS2.76 5167.00 Cycles
TS2.77 5122.00 Cycles
TS2.78 5122.00 Cycles
TS2.79 5167.00 Cycles
TS2.80 5167.00 Cycles
TS2.81 5122.00 Cycles
TS2.82 5122.00 Cycles
TS2.83 5122.00 Cycles
TS2.84 5167.00 Cycles
TS2.85 5122.00 Cycles
TS2.86 5122.00 Cycles
TS2.87 5122.00 Cycles
TS2.88 5122.00 Cycles
```

Description	Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3LXASelected_Cnt_lgc==>Min
TS2.4LXASelected_Cnt_lgc==>Max
TS2.5ValidEngineStatus_Cnt_lgc==>Min
TS2.6ValidEngineStatus_Cnt_lgc==>Max
TS2.7VehicleSpeed_Kph_f32==>Min
TS2.8VehicleSpeed_Kph_f32==>Max
TS2.9VehicleSpeed_Kph_f32==>Pos
TS2.10DmdDelestDaVld_Cnt_lgc==>Min
TS2.11DmdDelestDaVld_Cnt_lgc==>Max
TS2.12ETATDADYN_Cnt_enum==>PSATUNMODST_NORM
TS2.13ETATDADYN_Cnt_enum==>PSATUNMODST_SPORT
TS2.14ETATDADYN_Cnt_enum==>PSATUNMODST_TUN
TS2.15ETATDADYN_Cnt_enum==>PSATUNMODST_FAILD
TS2.16LxaTqLimnActv_Cnt_lgc==>Min
TS2.17LxaTqLimnActv_Cnt_lgc==>Max
TS2.18EPSStateForLxa_Cnt_enum==>PSAEPSSTLXA_UNAUTHD
TS2.19EPSStateForLxa_Cnt_enum==>PSAEPSSTLXA_AUTHD
TS2.20EPSStateForLxa_Cnt_enum==>PSAEPSSTLXA_AVL
TS2.21EPSStateForLxa_Cnt_enum==>PSAEPSSTLXA_ACTV
TS2.22EPSStateForLxa_Cnt_enum==>PSAEPSSTLXA_DFCT
TS2.23EPSStateForLxa_Cnt_enum==>Max
TS2.24DrvrIntvDetd_Cnt_lgc==>Min
TS2.25DrvrIntvDetd_Cnt_lgc==>Max
TS2.26STTdSelected_Cnt_M_lgc==>Min
TS2.27STTdSelected_Cnt_M_lgc==>Max
TS2.28DutyCycleExceeded_Cnt_M_lgc==>Min
TS2.29DutyCycleExceeded_Cnt_M_lgc==>Max
TS2.30AbsTempThermLimit_Cnt_M_lgc==>Min
TS2.31AbsTempThermLimit_Cnt_M_lgc==>Max
TS2.32VehicleSpeedValid_Cnt_M_lgc==>Min
TS2.33VehicleSpeedValid_Cnt_M_lgc==>Max
TS2.34DefaultHwaSCommExportValue_Cnt_M_lgc==>Min
TS2.35DefaultHwaSCommExportValue_Cnt_M_lgc==>Max
TS2.36HandwheelTorque_HwNm_M_f32==>Min
TS2.37HandwheelTorque_HwNm_M_f32==>Max
TS2.38HandwheelTorque_HwNm_M_f32==>Zero
TS2.39HandwheelTorque_HwNm_M_f32==>Pos
TS2.40HandwheelTorque_HwNm_M_f32==>Neg
TS2.41HandwheelVelocity_HwRadpS_M_f32==>Min
TS2.42HandwheelVelocity_HwRadpS_M_f32==>Max
TS2.43HandwheelVelocity_HwRadpS_M_f32==>Zero
TS2.44HandwheelVelocity_HwRadpS_M_f32==>Pos
TS2.45HandwheelVelocity_HwRadpS_M_f32==>Neg
TS2.46HandwheelPosition_HwDeg_M_f32==>Min
TS2.47HandwheelPosition_HwDeg_M_f32==>Max
TS2.48HandwheelPosition_HwDeg_M_f32==>Zero
TS2.49HandwheelPosition_HwDeg_M_f32==>Pos
TS2.50HandwheelPosition_HwDeg_M_f32==>Neg
TS2.51HandwheelAuthority_Uls_M_f32==>Min
TS2.52HandwheelAuthority_Uls_M_f32==>Max
TS2.53HandwheelAuthority_Uls_M_f32==>Pos
TS2.54k_DDEREDEMDAHwTrqThresh_HwNm_f32==>Min
TS2.55k_DDEREDEMDAHwTrqThresh_HwNm_f32==>Max/Default
TS2.56k_DDEREDEMDAHwTrqThresh_HwNm_f32==>Pos
TS2.57k_DDEREDEMDAHwVelThresh_HwRadpS_f32==>Min
TS2.58k_DDEREDEMDAHwVelThresh_HwRadpS_f32==>Max
TS2.59k_DDEREDEMDAHwVelThresh_HwRadpS_f32==>Default
TS2.60k_DDEREDEMDAHwVelThresh_HwRadpS_f32==>Pos
TS2.61k_DDEREDEMDAVehSpdThresh_Kph_f32==>Min
TS2.62k_DDEREDEMDAVehSpdThresh_Kph_f32==>Max
TS2.63k_DDEREDEMDAVehSpdThresh_Kph_f32==>Default
TS2.64k_DDEREDEMDAVehSpdThresh_Kph_f32==>Pos
TS2.65k_STTdMinHwAuthority_Uls_f32==>Min
TS2.66k_STTdMinHwAuthority_Uls_f32==>Max
TS2.67k_STTdMinHwAuthority_Uls_f32==>Default
TS2.68k_STTdMinHwAuthority_Uls_f32==>Pos
TS2.69k_DDEREDEMDAHwPosThresh_HwDeg_f32==>Min
TS2.70k_DDEREDEMDAHwPosThresh_HwDeg_f32==>Max
TS2.71k_DDEREDEMDAHwPosThresh_HwDeg_f32==>Default
TS2.72k_DDEREDEMDAHwPosThresh_HwDeg_f32==>Pos
TS2.73k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32==>Min
TS2.74k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32==>Max
TS2.75k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32==>Default
TS2.76k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32==>Pos
TS2.77k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32==>Min
TS2.78k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32==>Max
TS2.79k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32==>Default
TS2.80k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32==>Pos
TS2.81k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32==>Min
TS2.82k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32==>Max
TS2.83k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32==>Default
TS2.84k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32==>Pos
TS2.85k_AUTORARRETMOTDAValidThresh_mS_u16==>Min
TS2.86k_AUTORARRETMOTDAValidThresh_mS_u16==>Max
TS2.87k_AUTORARRETMOTDAValidThresh_mS_u16==>Default
TS2.88k_AUTORARRETMOTDAValidThresh_mS_u16==>Pos

Test Step 2.1 (Repeat Count = 1)   ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0
HandwheelPosition_HwDeg_M_f32	-1600
HandwheelTorque_HwNm_M_f32	-8.80000019
HandwheelVelocity_HwRadpS_M_f32	-32
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	0
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0
k_AUTORARRETMOTDAValidThresh_mS_u16	0
k_DDEREDEMDAHwPosThresh_HwDeg_f32	0
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0
k_DDEREDEMDAVehSpdThresh_Kph_f32	0
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-10
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	0

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-40	-40	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.2 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	1600

Name	Input Value
HandwheelTorque_HwNm_M_f32	8.80000019
HandwheelVelocity_HwRadpS_M_f32	32
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1600
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	10
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	32
k_AUTORARRETMOTDAValidThresh_mS_u16	65535
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1600
k_DDEREDEMDAHwTrqThresh_HwNm_f32	15
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	32
k_DDEREDEMDAVehSpdThresh_Kph_f32	255
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	1
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65535
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	15
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	10
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	255

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	15	15	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.3 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.9375
HandwheelPosition_HwDeg_M_f32	443.086212
HandwheelTorque_HwNm_M_f32	-0.817700028
HandwheelVelocity_HwRadpS_M_f32	-19.6732998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput

Name	Input Value
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	629.563782
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.812300026
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.3003998
k_AUTORARRETMOTDAValidThresh_mS_u16	57800
k_DDEREDEMDAHwPosThresh_HwDeg_f32	701.170776
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.95770001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	31.2924995
k_DDEREDEMDAVehSpdThresh_Kph_f32	154.682404
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.728200018
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	39738
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.45779991
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	163.126602

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.4 (Repeat Count = 1)   ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.52759999
HandwheelPosition_HwDeg_M_f32	128.554901
HandwheelTorque_HwNm_M_f32	-7.41760015
HandwheelVelocity_HwRadpS_M_f32	1.46490002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	548.025574
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.84220004

Name	Input Value
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.3509007
k_AUTORARRETMOTDAValidThresh_mS_u16	20832
k_DDEREDEMDAHwPosThresh_HwDeg_f32	252.325394
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.8634996
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	26.9578991
k_DDEREDEMDAVehSpdThresh_Kph_f32	242.480194
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.369399995
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	24742
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.55119991
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	190.365494

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.5 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.947899997
HandwheelPosition_HwDeg_M_f32	604.516602
HandwheelTorque_HwNm_M_f32	5.87820005
HandwheelVelocity_HwRadpS_M_f32	-27.4494991
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1307.79675
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.132799998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	23.5312004
k_AUTORARRETMOTDAValidThresh_mS_u16	60199
k_DDEREDEMDAHwPosThresh_HwDeg_f32	894.641113
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.91160011

Name	Input Value
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.0461006
k_DDEREDEMDAVehSpdThresh_Kph_f32	21.7665997
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.175099999
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	53327
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-1.90740001
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	48.3799019

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.00600000005
HandwheelPosition_HwDeg_M_f32	503.288391
HandwheelTorque_HwNm_M_f32	8.63409996
HandwheelVelocity_HwRadpS_M_f32	-11.7089005
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin|	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1240.22034
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.03710008
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	30.2814999
k_AUTORARRETMOTDAValidThresh_mS_u16	5354
k_DDEREDEMDAHwPosThresh_HwDeg_f32	347.332489
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.8130002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.402799994
k_DDEREDEMDAVehSpdThresh_Kph_f32	158.417404
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.819700003

Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	44046
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.72060013
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	12.2552004

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.83069998
HandwheelPosition_HwDeg_M_f32	-265.071594
HandwheelTorque_HwNm_M_f32	7.49849987
HandwheelVelocity_HwRadpS_M_f32	-22.8045006
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin|	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1496.45166
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.00199986
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	20.7819004
k_AUTORARRETMOTDAValidThresh_mS_u16	14064
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1048.4436
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.7497997
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.7980995
k_DDEREDEMDAVehSpdThresh_Kph_f32	220.328903
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.558899999
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	26326
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-1.43799996
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	0

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-6	-6	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.165299997
HandwheelPosition_HwDeg_M_f32	-1159.64502
HandwheelTorque_HwNm_M_f32	-4.42539978
HandwheelVelocity_HwRadpS_M_f32	10.8765001
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1241.02551
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.46099997
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	6.24830008
k_AUTORARRETMOTDAValidThresh_mS_u16	18378
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1019.1554
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.4982004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	19.6816998
k_DDEREDEMDAVehSpdThresh_Kph_f32	167.740204
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.868399978
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	31609
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.38019991
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	255

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	22	22	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.9 (Repeat Count = 1)	✓

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.525600016
HandwheelPosition_HwDeg_M_f32	-1540.35864
HandwheelTorque_HwNm_M_f32	6.15869999
HandwheelVelocity_HwRadpS_M_f32	-16.5524998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	775.23407
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.12120008
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	26.8201008
k_AUTORARRETMOTDAValidThresh_mS_u16	13438
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1008.42029
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.5743999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	17.0547009
k_DDEREDEMDAVehSpdThresh_Kph_f32	155.993393
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.345200002
target Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16 Ela	49028
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1

Name	Input Value		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.08990002		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	127.648201		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-32	-32	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.10 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.95599997	
HandwheelPosition_HwDeg_M_f32	798.318726	
HandwheelTorque_HwNm_M_f32	-1.24370003	
HandwheelVelocity_HwRadpS_M_f32	31.7376995	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	53.1647987	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.06699991	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.118	
k_AUTORARRETMOTDAValidThresh_mS_u16	13127	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	119.272102	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.16479993	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.9997997	
k_DDEREDEMDAVehSpdThresh_Kph_f32	116.278603	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.231900007	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	50857	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1	
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2	
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	

Name	Input Value
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.86609983
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	136.303894

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-31	-31	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.11 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.622600019
HandwheelPosition_HwDeg_M_f32	921.501221
HandwheelTorque_HwNm_M_f32	6.32089996
HandwheelVelocity_HwRadpS_M_f32	-22.6243
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	529.286499
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.11410046
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.8733997
k_AUTORARRETMOTDAValidThresh_mS_u16	22071
k_DDEREDEMDAHwPosThresh_HwDeg_f32	416.364288
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.3330002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	20.7707005
k_DDEREDEMDAVehSpdThresh_Kph_f32	14.3795004
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.236699998
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40104
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.14430046
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	0.869300008

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-33	-33	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.12 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0

Name	Input Value
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.485000014
HandwheelPosition_HwDeg_M_f32	-628.588318
HandwheelTorque_HwNm_M_f32	2.62059999
HandwheelVelocity_HwRadpS_M_f32	31.1583004
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	519.705811
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.5302999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.4536991
k_AUTORARRETMOTDAValidThresh_mS_u16	1334
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1281.30786
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.4375999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	10.2398005
k_DDEREDEMDAVehSpdThresh_Kph_f32	40.139801
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.680000007
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	43750
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.95799994
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	108.794098

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	8	8	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.13 (Repeat Count = 1)   ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.0860999972
HandwheelPosition_HwDeg_M_f32	-965.212402
HandwheelTorque_HwNm_M_f32	-3.95819998

Name	Input Value
HandwheelVelocity_HwRadpS_M_f32	23.1805
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	83.0388031
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.58190012
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.3162003
k_AUTORARRETMOTDAValidThresh_mS_u16	59998
k_DDEREDEMDAHwPosThresh_HwDeg_f32	689.804626
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.79629993
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.83889961
k_DDEREDEMDAVehSpdThresh_Kph_f32	101.285004
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.00170000002
target Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16 Ela	41497
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.50479984
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	114.612396

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	18	18	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.14 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.988099992
HandwheelPosition_HwDeg_M_f32	754.099304
HandwheelTorque_HwNm_M_f32	-7.63089991
HandwheelVelocity_HwRadpS_M_f32	1.30569994
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0

Name	Input Value
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1046.72388
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.09879994
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.6650009
k_AUTORARRETMOTDAValidThresh_mS_u16	32211
k_DDEREDEMDAHwPosThresh_HwDeg_f32	18.1693001
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.36750031
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.40880013
k_DDEREDEMDAVehSpdThresh_Kph_f32	163.361801
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.776000023
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1829
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.2420001
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	135.7258

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-29	-29	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.15 (Repeat Count = 1) ✓

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.0137
HandwheelPosition_HwDeg_M_f32	1121.31775
HandwheelTorque_HwNm_M_f32	-0.843400002
HandwheelVelocity_HwRadpS_M_f32	-16.1716995
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	514.541687
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.35990047
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	1.08640003

Name	Input Value
k_AUTORARRETMOTDAValidThresh_mS_u16	48763
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1011.60468
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.3570995
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.3400002
k_DDEREDEMDAVehSpdThresh_Kph_f32	195.659607
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.0172000006
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	44932
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.905399978
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	203.176895

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	4	4	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.961199999
HandwheelPosition_HwDeg_M_f32	649.122009
HandwheelTorque_HwNm_M_f32	6.2276001
HandwheelVelocity_HwRadpS_M_f32	-31.3148003
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	723.449524
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.1651001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	6.57079983
k_AUTORARRETMOTDAValidThresh_mS_u16	18676
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1362.44165
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.3746996
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	31.3008003

Name	Input Value
k_DDEREDEMDAVehSpdThresh_Kph_f32	65.8388977
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.0425999984
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	59818
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.41890001
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	36.4020004

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	30	30	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.17 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	1	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.220699996	
HandwheelPosition_HwDeg_M_f32	-197.012299	
HandwheelTorque_HwNm_M_f32	2.4841001	
HandwheelVelocity_HwRadpS_M_f32	15.3521004	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	0	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1108.83337	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.40330029	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	3.87809992	
k_AUTORARRETMOTDAValidThresh_mS_u16	27076	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	339.345306	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.6191998	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	12.6966	
k_DDEREDEMDAVehSpdThresh_Kph_f32	202.970505	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.83130002	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	58892	

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.312700003
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	239.874893

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.18 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.320600003
HandwheelPosition_HwDeg_M_f32	-423.242798
HandwheelTorque_HwNm_M_f32	-8.11019993
HandwheelVelocity_HwRadpS_M_f32	8.31760025
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	885.401672
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.62209988
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	14.4970999
k_AUTORARRETMOTDAValidThresh_mS_u16	17157
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1378.33521
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.7875004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.7819996
k_DDEREDEMDAVehSpdThresh_Kph_f32	164.799698
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.403200001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	58458
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.65560007
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	228.234695

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	19	19	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.19 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.386900008
HandwheelPosition_HwDeg_M_f32	-806.445129
HandwheelTorque_HwNm_M_f32	0.575299978
HandwheelVelocity_HwRadpS_M_f32	-31.3197994
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1202.98572
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.2895999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.0580997
k_AUTORARRETMOTDAValidThresh_mS_u16	18690
k_DDEREDEMDAHwPosThresh_HwDeg_f32	531.600525
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.51300001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.7888002
k_DDEREDEMDAVehSpdThresh_Kph_f32	35.5661011
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.536300004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	3007
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.01929998
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	31.4340992

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	4	4	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.20 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	1	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.514100015	
HandwheelPosition_HwDeg_M_f32	1079.42725	
HandwheelTorque_HwNm_M_f32	4.57060003	
HandwheelVelocity_HwRadpS_M_f32	-25.7873001	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	0	
VehicleSpeedValid_Cnt_M_lgc	0	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1584.14026	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.14090014	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.8817997	
k_AUTORARRETMOTDAValidThresh_mS_u16	38406	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	465.838196	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.70679998	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.684499979	
k_DDEREDEMDAVehSpdThresh_Kph_f32	236.341599	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.697099984	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	9607	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1	

Name	Input Value		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	6.08570004		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	70.455101		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	24	24	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.21 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	1	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.412499994	
HandwheelPosition_HwDeg_M_f32	-198.227798	
HandwheelTorque_HwNm_M_f32	8.5717001	
HandwheelVelocity_HwRadpS_M_f32	17.5587006	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	0	
VehicleSpeedValid_Cnt_M_lgc	0	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	747.786621	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.523	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.1110992	
k_AUTORARRETMOTDAValidThresh_mS_u16	38266	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	508.92981	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.3415003	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.16899967	
k_DDEREDEMDAVehSpdThresh_Kph_f32	102.022797	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.237399995	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	50014	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0	
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3	
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0	

Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.25549984		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	245.167892		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	17	17	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.22 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.878899992
HandwheelPosition_HwDeg_M_f32	1363.15625
HandwheelTorque_HwNm_M_f32	-0.540499985
HandwheelVelocity_HwRadpS_M_f32	-5.19540024
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1399.505
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.887899995
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	5.60200024
k_AUTORARRETMOTDAValidThresh_mS_u16	37980
k_DDEREDEMDAHwPosThresh_HwDeg_f32	352.946594
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.1554003
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	1.89339995
k_DDEREDEMDAVehSpdThresh_Kph_f32	242.378693
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.0507000014
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	33775
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	6.68170023
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	143.646606

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	27	27	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.23 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1

Name	Input Value
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.93870002
HandwheelPosition_HwDeg_M_f32	718.150574
HandwheelTorque_HwNm_M_f32	8.39780045
HandwheelVelocity_HwRadpS_M_f32	27.4379997
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1469.33545
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.12360001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	5.32270002
k_AUTORARRETMOTDAValidThresh_mS_u16	17812
k_DDEREDEMDAHwPosThresh_HwDeg_f32	652.813416
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.92010021
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.52830029
k_DDEREDEMDAVehSpdThresh_Kph_f32	43.9329987
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.483200014
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35860
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	15
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.28469992
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	29.5851002

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-29	-29	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	15	15	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.24 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.564800024
HandwheelPosition_HwDeg_M_f32	1127.42224
HandwheelTorque_HwNm_M_f32	7.64769983

Name	Input Value
HandwheelVelocity_HwRadpS_M_f32	17.5261993
Rte_Call_Ap_SrlComOutput_SystemTime_Dtrmn ElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	986.961182
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.227400005
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	7.84770012
k_AUTORARRETMOTDAValidThresh_mS_u16	27806
k_DDEREDEMDAHwPosThresh_HwDeg_f32	432.224609
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.681500018
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.0607004
k_DDEREDEMDAVehSpdThresh_Kph_f32	175.9431
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.0830999985
target Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16 Ela	4730
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.586799979
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	196.135803

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.25 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.435499996
HandwheelPosition_HwDeg_M_f32	859.371521
HandwheelTorque_HwNm_M_f32	4.70079994
HandwheelVelocity_HwRadpS_M_f32	-9.38389969
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1

Name	Input Value
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	355.873505
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.7020998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	3.62529993
k_AUTORARRETMOTDAValidThresh_mS_u16	35687
k_DDEREDEMDAHwPosThresh_HwDeg_f32	437.722595
k_DDEREDEMDAHwTrqThresh_HwNm_f32	1.09990001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	24.2005005
k_DDEREDEMDAVehSpdThresh_Kph_f32	173.181
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.386200011
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	4230
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.5632
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	45.8625984

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	22	22	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.26 (Repeat Count = 1) ✓

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.457500011
HandwheelPosition_HwDeg_M_f32	846.353271
HandwheelTorque_HwNm_M_f32	-5.06570005
HandwheelVelocity_HwRadpS_M_f32	17.7231007
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin|	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1006.55609
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.0445999987
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	15.6820002

Name	Input Value
k_AUTORARRETMOTDAValidThresh_mS_u16	29629
k_DDEREDEMDAHwPosThresh_HwDeg_f32	280.059387
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.87220001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	10.2934999
k_DDEREDEMDAVehSpdThresh_Kph_f32	40.2663002
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.194499999
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	56786
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-0.368099988
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	209.947205

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-1	-1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.27 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.855700016
HandwheelPosition_HwDeg_M_f32	488.656097
HandwheelTorque_HwNm_M_f32	-6.65210009
HandwheelVelocity_HwRadpS_M_f32	-9.27960014
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	518.601196
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.8980999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.2315006
k_AUTORARRETMOTDAValidThresh_mS_u16	61713
k_DDEREDEMDAHwPosThresh_HwDeg_f32	643.789673
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.1704998
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.7992001

Name	Input Value
k_DDEREDEMDAVehSpdThresh_Kph_f32	120.431602
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.215100005
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	29656
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.51530004
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	88.3154984

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	6	6	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.28 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.0331000015
HandwheelPosition_HwDeg_M_f32	-1423.83289
HandwheelTorque_HwNm_M_f32	6.39610004
HandwheelVelocity_HwRadpS_M_f32	-19.2336998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	39.282299
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.51660013
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	8.7208004
k_AUTORARRETMOTDAValidThresh_mS_u16	15782
k_DDEREDEMDAHwPosThresh_HwDeg_f32	720.107422
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.0937004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.6392994
k_DDEREDEMDAVehSpdThresh_Kph_f32	84.4570999
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.599799991
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	24597

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.98060036
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	131.465103

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-36	-36	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.29 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.265300006
HandwheelPosition_HwDeg_M_f32	-439.055206
HandwheelTorque_HwNm_M_f32	4.85979986
HandwheelVelocity_HwRadpS_M_f32	28.5844002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1454.74915
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.88040018
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.4880009
k_AUTORARRETMOTDAValidThresh_mS_u16	8723
k_DDEREDEMDAHwPosThresh_HwDeg_f32	171.775894
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.48480034
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.2638998
k_DDEREDEMDAVehSpdThresh_Kph_f32	131.127808
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.570500016
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	411
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.4309001
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	158.960693

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-26	-26	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault		1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed		6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus		1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant		1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004		1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010		1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32		1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg		1	✔

Test Step 2.30 (Repeat Count = 1)	✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.427899987
HandwheelPosition_HwDeg_M_f32	-1137.62683
HandwheelTorque_HwNm_M_f32	6.18970013
HandwheelVelocity_HwRadpS_M_f32	3.65689993
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	100.060997
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.19629955
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	28.4444008
k_AUTORARRETMOTDAValidThresh_mS_u16	63350
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1132.04858
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.46360016
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.0086002
k_DDEREDEMDAVehSpdThresh_Kph_f32	20.5884991
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.0688000023
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	44791
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.59000015
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	23.8034

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	30	30	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.31 (Repeat Count = 1)		✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.945800006
HandwheelPosition_HwDeg_M_f32	-518.21051
HandwheelTorque_HwNm_M_f32	-0.755299985
HandwheelVelocity_HwRadpS_M_f32	-17.6595001
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	400.789398
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.87949991
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	20.3801003
k_AUTORARRETMOTDAValidThresh_mS_u16	36168
k_DDEREDEMDAHwPosThresh_HwDeg_f32	412.992096
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.53130007
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	5.54120016
k_DDEREDEMDAVehSpdThresh_Kph_f32	75.0394974
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.308099985
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		55953
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0

Name	Input Value		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.78429985		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	184.317398		
Name	**Actual Value**	**Expected Value**	**Result**
target_Pim_PimIsDatDiraMsg.CpleVolant	-31	-31	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.32 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.877600014	
HandwheelPosition_HwDeg_M_f32	442.158295	
HandwheelTorque_HwNm_M_f32	5.52659988	
HandwheelVelocity_HwRadpS_M_f32	-17.0244999	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	0	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	443.897003	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.40410042	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.1723995	
k_AUTORARRETMOTDAValidThresh_mS_u16	19217	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1285.52637	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.9407997	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.0614004	
k_DDEREDEMDAVehSpdThresh_Kph_f32	253.979294	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.428900003	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	59321	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0	
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2	
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0	

Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.97749996		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	54.1509018		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	12	12	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.33 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.147799999
HandwheelPosition_HwDeg_M_f32	-428.49649
HandwheelTorque_HwNm_M_f32	5.34700012
HandwheelVelocity_HwRadpS_M_f32	12.2685003
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	830.224976
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.77439976
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.4419994
k_AUTORARRETMOTDAValidThresh_mS_u16	14121
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1543.03479
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.4446001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.50390005
k_DDEREDEMDAVehSpdThresh_Kph_f32	199.792297
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.301400006
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	62723
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.49539995
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	123.217903

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-14	-14	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.34 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0

Name	Input Value
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.759299994
HandwheelPosition_HwDeg_M_f32	662.635071
HandwheelTorque_HwNm_M_f32	-3.81609988
HandwheelVelocity_HwRadpS_M_f32	-13.8128996
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	297.384613
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.37389994
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	18.3083992
k_AUTORARRETMOTDAValidThresh_mS_u16	55466
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1373.84863
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.38819981
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.0506992
k_DDEREDEMDAVehSpdThresh_Kph_f32	157.610992
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.283300012
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	21614
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.12669992
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	92.6485977

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	21	21	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.35 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.763300002
HandwheelPosition_HwDeg_M_f32	-1538.25208
HandwheelTorque_HwNm_M_f32	1.40980005

Name	Input Value
HandwheelVelocity_HwRadpS_M_f32	-29.3484993
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1118.89355
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.30140018
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	31.0119991
k_AUTORARRETMOTDAValidThresh_mS_u16	4637
k_DDEREDEMDAHwPosThresh_HwDeg_f32	857.219971
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.4359999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	14.2884998
k_DDEREDEMDAVehSpdThresh_Kph_f32	157.458801
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.978299975
target Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16 Elaj	29958
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.02630043
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	221.2509

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-36	-36	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.36 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.0309999995	
HandwheelPosition_HwDeg_M_f32	1192.03601	
HandwheelTorque_HwNm_M_f32	-8.80000019	
HandwheelVelocity_HwRadpS_M_f32	-12.4701996	
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	

Name	Input Value
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1416.38867
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.20300007
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	2.36549997
k_AUTORARRETMOTDAValidThresh_mS_u16	3144
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1316.74854
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.34579992
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	3.93390012
k_DDEREDEMDAVehSpdThresh_Kph_f32	54.3470993
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.644599974
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	49428
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	6.20459986
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	223.723404

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	25	25	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.37 (Repeat Count = 1) ✓

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.954699993
HandwheelPosition_HwDeg_M_f32	-1308.09485
HandwheelTorque_HwNm_M_f32	8.80000019
HandwheelVelocity_HwRadpS_M_f32	-4.32539988
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	898.526001
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.07499981
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	8.86900043

Name	Input Value
k_AUTORARRETMOTDAValidThresh_mS_u16	50516
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1470.68396
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.31750011
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	23.4025993
k_DDEREDEMDAVehSpdThresh_Kph_f32	231.194901
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.633400023
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	29655
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.45429993
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	145.920807

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	14	14	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.38 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.895900011
HandwheelPosition_HwDeg_M_f32	-973.413696
HandwheelTorque_HwNm_M_f32	0
HandwheelVelocity_HwRadpS_M_f32	-2.25279999
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin|	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1540.72815
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.94149971
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	23.9333992
k_AUTORARRETMOTDAValidThresh_mS_u16	58892
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1176.74963
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.3470001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	23.1916008

Name	Input Value
k_DDEREDEMDAVehSpdThresh_Kph_f32	167.026901
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.946200013
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	38393
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.49139977
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	185.863297

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-30	-30	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault		1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed		6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus		1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant		1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004		1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010		1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16		1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg		1	✔

Test Step 2.39 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.169400007
HandwheelPosition_HwDeg_M_f32	29.4708004
HandwheelTorque_HwNm_M_f32	4.85419989
HandwheelVelocity_HwRadpS_M_f32	8.77040005
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	748.335205
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.91300011
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.8782997
k_AUTORARRETMOTDAValidThresh_mS_u16	51202
k_DDEREDEMDAHwPosThresh_HwDeg_f32	573.650574
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.26189995
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	16.3738995
k_DDEREDEMDAVehSpdThresh_Kph_f32	20.4852009
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.868799984
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	61280

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.57889986
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	41.1021004

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-30	-30	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.40 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.723399997	
HandwheelPosition_HwDeg_M_f32	-250.319199	
HandwheelTorque_HwNm_M_f32	-6.72459984	
HandwheelVelocity_HwRadpS_M_f32	30.6690998	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	359.98999	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.89519978	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.3766994	
k_AUTORARRETMOTDAValidThresh_mS_u16	22093	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1463.42554	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.85960007	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	2.4683001	
k_DDEREDEMDAVehSpdThresh_Kph_f32	191.048706	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.548799992	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	19237	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-2.2644999
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	216.671097

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-9	-9	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.41 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.0126
HandwheelPosition_HwDeg_M_f32	-113.245598
HandwheelTorque_HwNm_M_f32	4.02810001
HandwheelVelocity_HwRadpS_M_f32	-32
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1381.22607
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.27040005
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.0125999
k_AUTORARRETMOTDAValidThresh_mS_u16	56347
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1371.07605
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.00500011
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.8740997
k_DDEREDEMDAVehSpdThresh_Kph_f32	98.5678024
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.873000026
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	15351
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.84740019
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	212.590805

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-31	-31	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault		1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed		6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus		1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant		1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004		1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010		1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32		1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg		1	✔

Test Step 2.42 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.46419999
HandwheelPosition_HwDeg_M_f32	355.041809
HandwheelTorque_HwNm_M_f32	2.25250006
HandwheelVelocity_HwRadpS_M_f32	32
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1025.9082
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.8276
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.8834
k_AUTORARRETMOTDAValidThresh_mS_u16	7548
k_DDEREDEMDAHwPosThresh_HwDeg_f32	103.306602
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.8660002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	24.6413994
k_DDEREDEMDAVehSpdThresh_Kph_f32	111.687798
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.977699995
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	62490
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1

Name	Input Value		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.7420001		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	122.677803		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	31	31	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.43 (Repeat Count = 1)		✓
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.324200004	
HandwheelPosition_HwDeg_M_f32	-680.744507	
HandwheelTorque_HwNm_M_f32	7.36819983	
HandwheelVelocity_HwRadpS_M_f32	0	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1309.29907	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.59309995	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	2.11199999	
k_AUTORARRETMOTDAValidThresh_mS_u16	21669	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	284.693695	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	1.88300002	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	16.2882004	
k_DDEREDEMDAVehSpdThresh_Kph_f32	225.230499	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.9727	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	46668	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0	
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2	
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1	

Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.42910004		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	195.634903		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	18	18	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.44 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.736899972
HandwheelPosition_HwDeg_M_f32	-389.840515
HandwheelTorque_HwNm_M_f32	-5.18219995
HandwheelVelocity_HwRadpS_M_f32	19.7611008
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	401.515198
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.497900009
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.8656998
k_AUTORARRETMOTDAValidThresh_mS_u16	38521
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1197.6814
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.65470028
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.8666
k_DDEREDEMDAVehSpdThresh_Kph_f32	104.574303
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.0463999994
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	18950
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg(	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.17000008
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	196.132706

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	21	21	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.45 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0

Name	Input Value
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.70539999
HandwheelPosition_HwDeg_M_f32	787.960571
HandwheelTorque_HwNm_M_f32	2.94709992
HandwheelVelocity_HwRadpS_M_f32	-25.4657993
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1427.9292
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.0236001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	24.3903008
k_AUTORARRETMOTDAValidThresh_mS_u16	2794
k_DDEREDEMDAHwPosThresh_HwDeg_f32	566.928894
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.10319996
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.4743004
k_DDEREDEMDAVehSpdThresh_Kph_f32	62.5707016
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.159500003
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	58547
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.29409981
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	60.3423004

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-25	-25	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.46 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.931100011
HandwheelPosition_HwDeg_M_f32	-1600
HandwheelTorque_HwNm_M_f32	2.66810012

Name	Input Value
HandwheelVelocity_HwRadpS_M_f32	-27.5573997
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1183.69592
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.7105
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	18.6769009
k_AUTORARRETMOTDAValidThresh_mS_u16	14045
k_DDEREDEMDAHwPosThresh_HwDeg_f32	10.1862001
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.63029957
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	10.7860003
k_DDEREDEMDAVehSpdThresh_Kph_f32	134.131393
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.660700023
target Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16 Ela	21929
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.86049986
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	35.0140991

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-23	-23	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.47 (Repeat Count = 1)		✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.99970001
HandwheelPosition_HwDeg_M_f32	1600
HandwheelTorque_HwNm_M_f32	-4.40980005
HandwheelVelocity_HwRadpS_M_f32	0.545300007
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1

Name	Input Value
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1096.76379
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.46149993
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.2063999
k_AUTORARRETMOTDAValidThresh_mS_u16	21444
k_DDEREDEMDAHwPosThresh_HwDeg_f32	675.921387
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.54080009
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	14.7692003
k_DDEREDEMDAVehSpdThresh_Kph_f32	134.898804
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.601000011
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	60975
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg(	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.51259995
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	1.59710002

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-30	-30	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.48 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.721000016
HandwheelPosition_HwDeg_M_f32	0
HandwheelTorque_HwNm_M_f32	3.37859988
HandwheelVelocity_HwRadpS_M_f32	6.71000004
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	162.546097
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.58169985
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0.550000012

Name	Input Value
k_AUTORARRETMOTDAValidThresh_mS_u16	28480
k_DDEREDEMDAHwPosThresh_HwDeg_f32	475.058289
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.59779978
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	14.4724998
k_DDEREDEMDAVehSpdThresh_Kph_f32	103.6744
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.157700002
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elap	19749
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.75460005
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	39.3512001

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	15	15	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.49 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.978399992
HandwheelPosition_HwDeg_M_f32	1188.59705
HandwheelTorque_HwNm_M_f32	3.52489996
HandwheelVelocity_HwRadpS_M_f32	17.3384991
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1385.65454
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.76329994
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	14.8324003
k_AUTORARRETMOTDAValidThresh_mS_u16	58006
k_DDEREDEMDAHwPosThresh_HwDeg_f32	544.656677
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.7194004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	31.3719997

Name	Input Value		
k_DDEREDEMDAVehSpdThresh_Kph_f32	115.594704		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.149700001		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	50403		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.60500002		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	104.2967		
Name	**Actual Value**	**Expected Value**	**Result**
target_Pim_PimIsDatDiraMsg.CpleVolant	-22	-22	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault		1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed		6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus		1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant		1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004		1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010		1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32		1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg		1	✔

Test Step 2.50 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.2139	
HandwheelPosition_HwDeg_M_f32	-714.208679	
HandwheelTorque_HwNm_M_f32	6.69460011	
HandwheelVelocity_HwRadpS_M_f32	9.23050022	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin|	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1559.12659	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.191599995	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	11.0916004	
k_AUTORARRETMOTDAValidThresh_mS_u16	23153	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1331.89404	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.76999998	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	9.75209999	
k_DDEREDEMDAVehSpdThresh_Kph_f32	16.4384003	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.531899989	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	14067	

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.98460007
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	41.9500008

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	32	32	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.51 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0	
HandwheelPosition_HwDeg_M_f32	-1595.29541	
HandwheelTorque_HwNm_M_f32	7.48710012	
HandwheelVelocity_HwRadpS_M_f32	23.1581993	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1507.13538	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.08589983	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.5424004	
k_AUTORARRETMOTDAValidThresh_mS_u16	62940	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	355.999512	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.4972	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.8054008	
k_DDEREDEMDAVehSpdThresh_Kph_f32	212.782394	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.195299998	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35082	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.61990023
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	117.658401

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-18	-18	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.52 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	1	
HandwheelPosition_HwDeg_M_f32	795.250671	
HandwheelTorque_HwNm_M_f32	4.98719978	
HandwheelVelocity_HwRadpS_M_f32	-7.82450008	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	370.150391	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.21889973	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	18.5177994	
k_AUTORARRETMOTDAValidThresh_mS_u16	38942	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1109.19006	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.7642002	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	20.4804993	
k_DDEREDEMDAVehSpdThresh_Kph_f32	155.025406	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.811699986	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	17927	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	

Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.77080011		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	88.0546036		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	23	23	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault		1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed		6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus		1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant		1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004		1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010		1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32		1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg		1	✔

Test Step 2.53 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.68720001	
HandwheelPosition_HwDeg_M_f32	1070.56055	
HandwheelTorque_HwNm_M_f32	6.05740023	
HandwheelVelocity_HwRadpS_M_f32	-17.4587994	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	8.55580044	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.86989999	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	8.98060036	
k_AUTORARRETMOTDAValidThresh_mS_u16	14149	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1106.46057	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.6570997	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.4458008	
k_DDEREDEMDAVehSpdThresh_Kph_f32	187.425598	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.269600004	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	21298	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0	

Name	Input Value		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.40829992		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	101.246803		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-26	-26	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.54 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.292899996	
HandwheelPosition_HwDeg_M_f32	1574.67493	
HandwheelTorque_HwNm_M_f32	2.02080011	
HandwheelVelocity_HwRadpS_M_f32	5.66720009	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1529.4585	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.22189999	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	20.4507999	
k_AUTORARRETMOTDAValidThresh_mS_u16	11742	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	220.160507	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	21.1578999	
k_DDEREDEMDAVehSpdThresh_Kph_f32	236.383698	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.562399983	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	61830	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1	
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1	
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1	

Name	Input Value
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.31260014
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	31.3670998

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	17	17	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.55 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.1928
HandwheelPosition_HwDeg_M_f32	1540.85742
HandwheelTorque_HwNm_M_f32	-6.38460016
HandwheelVelocity_HwRadpS_M_f32	-26.1320992
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1421.36511
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.48339987
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.8254995
k_AUTORARRETMOTDAValidThresh_mS_u16	31318
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1550.53296
k_DDEREDEMDAHwTrqThresh_HwNm_f32	15
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.2705994
k_DDEREDEMDAVehSpdThresh_Kph_f32	217.366104
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.190500006
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	44993
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.1645
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	184.709396

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	13	13	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.56 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0

Name	Input Value
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.983900011
HandwheelPosition_HwDeg_M_f32	-177.446793
HandwheelTorque_HwNm_M_f32	-8.1885004
HandwheelVelocity_HwRadpS_M_f32	18.8024998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	94.0257034
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.30490017
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.9832001
k_AUTORARRETMOTDAValidThresh_mS_u16	1506
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1067.75635
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.68120003
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	30.8173008
k_DDEREDEMDAVehSpdThresh_Kph_f32	126.148903
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.985099971
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	63914
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.62029982
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	197.703903

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-22	-22	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.57 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.0873000026
HandwheelPosition_HwDeg_M_f32	-1515.08569
HandwheelTorque_HwNm_M_f32	7.54680014

Name	Input Value
HandwheelVelocity_HwRadpS_M_f32	-21.8983994
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	771.393677
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.46280003
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	13.2023001
k_AUTORARRETMOTDAValidThresh_mS_u16	27790
k_DDEREDEMDAHwPosThresh_HwDeg_f32	338.766602
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.74680042
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0
k_DDEREDEMDAVehSpdThresh_Kph_f32	54.2160988
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.252299994
target Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16 Ela	31272
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.56869984
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	116.5327

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	22	22	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.58 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.180899993
HandwheelPosition_HwDeg_M_f32	95.4423981
HandwheelTorque_HwNm_M_f32	5.01450014
HandwheelVelocity_HwRadpS_M_f32	-28.1322994
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1

Name	Input Value
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	887.864197
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.92080021
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0.859899998
k_AUTORARRETMOTDAValidThresh_mS_u16	14664
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1428.17041
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.8246002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	32
k_DDEREDEMDAVehSpdThresh_Kph_f32	39.3611984
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.380699992
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	15294
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.82929993
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	48.7345009

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-15	-15	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.59 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.422399998
HandwheelPosition_HwDeg_M_f32	-1352.39563
HandwheelTorque_HwNm_M_f32	2.65440011
HandwheelVelocity_HwRadpS_M_f32	-11.9524002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1559.80115
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.01760006
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	2.71490002

Name	Input Value
k_AUTORARRETMOTDAValidThresh_mS_u16	48498
k_DDEREDEMDAHwPosThresh_HwDeg_f32	396.497711
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.6480999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	17.4529991
k_DDEREDEMDAVehSpdThresh_Kph_f32	163.376602
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.0273000002
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	38377
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.85750008
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	124.3545

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	23	23	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.60 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.381099999
HandwheelPosition_HwDeg_M_f32	-1089.0509
HandwheelTorque_HwNm_M_f32	3.48239994
HandwheelVelocity_HwRadpS_M_f32	22.1217003
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin|	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1018.52588
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.45379996
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	1.0165
k_AUTORARRETMOTDAValidThresh_mS_u16	62714
k_DDEREDEMDAHwPosThresh_HwDeg_f32	75.4980011
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.8245001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	20.8253994

Name	Input Value
k_DDEREDEMDAVehSpdThresh_Kph_f32	246.985992
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.92869997
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	2730
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	8.49170017
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	98.4329987

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	34	34	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.61 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.179800004	
HandwheelPosition_HwDeg_M_f32	-469.59259	
HandwheelTorque_HwNm_M_f32	6.01450014	
HandwheelVelocity_HwRadpS_M_f32	21.2563992	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin|	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	771.951172	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.35459995	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	16.5090008	
k_AUTORARRETMOTDAValidThresh_mS_u16	62400	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	902.287781	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.8725004	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.9804993	
k_DDEREDEMDAVehSpdThresh_Kph_f32	0	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.933399975	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	15141	

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.60669994
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	91.6039963

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-26	-26	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.62 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.986199975
HandwheelPosition_HwDeg_M_f32	624.996826
HandwheelTorque_HwNm_M_f32	1.95490003
HandwheelVelocity_HwRadpS_M_f32	-18.5545998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	513.667603
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.72140026
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	24.0603008
k_AUTORARRETMOTDAValidThresh_mS_u16	46329
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1125.14563
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.40540028
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	21.2546005
k_DDEREDEMDAVehSpdThresh_Kph_f32	255
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.221900001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	52678
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.54029989
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	88.6930008

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	10	10	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.63 (Repeat Count = 1)	✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.108199999
HandwheelPosition_HwDeg_M_f32	821.520508
HandwheelTorque_HwNm_M_f32	6.45249987
HandwheelVelocity_HwRadpS_M_f32	11.4285002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1446.54187
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.34180021
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	7.29580021
k_AUTORARRETMOTDAValidThresh_mS_u16	14007
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1010.84192
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.98239994
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.8462
k_DDEREDEMDAVehSpdThresh_Kph_f32	8.5
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.740700006
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	5183
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc

Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.20270014		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	85.1471024		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	21	21	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.64 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.111000001	
HandwheelPosition_HwDeg_M_f32	395.446289	
HandwheelTorque_HwNm_M_f32	3.54579997	
HandwheelVelocity_HwRadpS_M_f32	-21.5814991	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1116.85522	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.07330036	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	16.4993992	
k_AUTORARRETMOTDAValidThresh_mS_u16	40236	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	778.504578	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.05840015	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.6471004	
k_DDEREDEMDAVehSpdThresh_Kph_f32	133.548492	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.359299988	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	20298	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0	

Name	Input Value		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-2.79850006		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	161.628006		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-11	-11	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.65 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.274800003	
HandwheelPosition_HwDeg_M_f32	-673.858215	
HandwheelTorque_HwNm_M_f32	6.83300018	
HandwheelVelocity_HwRadpS_M_f32	8.37230015	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	573.448181	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.65849996	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	15.1638002	
k_AUTORARRETMOTDAValidThresh_mS_u16	363	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	592.088501	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.80639982	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	26.1504002	
k_DDEREDEMDAVehSpdThresh_Kph_f32	173.447098	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	15777	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0	
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3	
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1	

Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	8.62940025		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	107.4618		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	35	35	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.66 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.229599997
HandwheelPosition_HwDeg_M_f32	962.759216
HandwheelTorque_HwNm_M_f32	0.987299979
HandwheelVelocity_HwRadpS_M_f32	-11.6079998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	62.9836998
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.90830004
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	26.2770996
k_AUTORARRETMOTDAValidThresh_mS_u16	48654
k_DDEREDEMDAHwPosThresh_HwDeg_f32	590.76062
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.7097998
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.1189995
k_DDEREDEMDAVehSpdThresh_Kph_f32	6.42729998
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	1
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	53720
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-0.505599976
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	1.30040002

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-2	-2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.67 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0

Name	Input Value
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.720200002
HandwheelPosition_HwDeg_M_f32	178.457108
HandwheelTorque_HwNm_M_f32	-1.04610002
HandwheelVelocity_HwRadpS_M_f32	10.9621
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	744.329529
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.36019993
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	15.3107996
k_AUTORARRETMOTDAValidThresh_mS_u16	36661
k_DDEREDEMDAHwPosThresh_HwDeg_f32	156.840897
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.90170002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.0928993
k_DDEREDEMDAVehSpdThresh_Kph_f32	169.262405
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.600000024
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	12886
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.20340014
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	159.750595

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-17	-17	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.68 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.897599995
HandwheelPosition_HwDeg_M_f32	-642.455811
HandwheelTorque_HwNm_M_f32	-4.04610014

Name	Input Value
HandwheelVelocity_HwRadpS_M_f32	15.9621
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1353.89709
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.6473999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	24.7584991
k_AUTORARRETMOTDAValidThresh_mS_u16	19352
k_DDEREDEMDAHwPosThresh_HwDeg_f32	789.95343
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.90170002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	21.0928993
k_DDEREDEMDAVehSpdThresh_Kph_f32	199.262405
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.854499996
target Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16 Ela	48402
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg(	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.66059995
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	169.750595

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	11	11	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.69 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.744599998
HandwheelPosition_HwDeg_M_f32	-819.761719
HandwheelTorque_HwNm_M_f32	5.98729992
HandwheelVelocity_HwRadpS_M_f32	9.57600021
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1

Name	Input Value
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1339.92505
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.9282999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	14.2691002
k_AUTORARRETMOTDAValidThresh_mS_u16	37887
k_DDEREDEMDAHwPosThresh_HwDeg_f32	0
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.72480011
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	12.1869001
k_DDEREDEMDAVehSpdThresh_Kph_f32	44.5556984
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.496399999
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elap	22531
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.90240002
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	22.8518009

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.70 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.568899989
HandwheelPosition_HwDeg_M_f32	869.710876
HandwheelTorque_HwNm_M_f32	-6.33339977
HandwheelVelocity_HwRadpS_M_f32	-7.93069983
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1142.58167
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.09259987
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	30.3607006

Name	Input Value
k_AUTORARRETMOTDAValidThresh_mS_u16	12966
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1600
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.3972998
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.4953995
k_DDEREDEMDAVehSpdThresh_Kph_f32	248.211304
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.373199999
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	19368
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.86229992
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	196.070404

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	23	23	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.71 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.957199991
HandwheelPosition_HwDeg_M_f32	-1533.56189
HandwheelTorque_HwNm_M_f32	4.3204999
HandwheelVelocity_HwRadpS_M_f32	21.8817005
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	161.250397
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.07430005
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	4.72329998
k_AUTORARRETMOTDAValidThresh_mS_u16	61831
k_DDEREDEMDAHwPosThresh_HwDeg_f32	45
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.97940016
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	28.4139996

Name	Input Value
k_DDEREDEMDAVehSpdThresh_Kph_f32	126.573196
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.820500016
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	59144
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.90339994
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	103.404602

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.72 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.719500005
HandwheelPosition_HwDeg_M_f32	195.831696
HandwheelTorque_HwNm_M_f32	0.549799979
HandwheelVelocity_HwRadpS_M_f32	15.4840002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin|	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	351.245789
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.16300011
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	28.5589008
k_AUTORARRETMOTDAValidThresh_mS_u16	53203
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1258.48425
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.37119961
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	31.6054993
k_DDEREDEMDAVehSpdThresh_Kph_f32	12.5261002
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.376100004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	4004

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.09910011
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	7.4689002

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	8	8	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.73 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.806299984
HandwheelPosition_HwDeg_M_f32	839.084595
HandwheelTorque_HwNm_M_f32	-5.92539978
HandwheelVelocity_HwRadpS_M_f32	-11.8796997
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	47.8693008
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	4.95669985
k_AUTORARRETMOTDAValidThresh_mS_u16	13364
k_DDEREDEMDAHwPosThresh_HwDeg_f32	640.608276
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.56099987
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	16.4827003
k_DDEREDEMDAVehSpdThresh_Kph_f32	136.071503
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.288399994
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	13503
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.34899998
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	54.6910019

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-33	-33	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.74 (Repeat Count = 1)	✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.380299985
HandwheelPosition_HwDeg_M_f32	1062.49927
HandwheelTorque_HwNm_M_f32	-4.16830015
HandwheelVelocity_HwRadpS_M_f32	-19.9964008
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	100.143898
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	10
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	11.2258997
k_AUTORARRETMOTDAValidThresh_mS_u16	37934
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1340.27124
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.5774002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.6686993
k_DDEREDEMDAVehSpdThresh_Kph_f32	237.332108
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.248799995
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	20195
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.4059
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	142.3228

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-38	-38	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault		1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed		6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus		1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant		1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004		1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010		1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32		1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg		1	✔

Test Step 2.75 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.967999995	
HandwheelPosition_HwDeg_M_f32	1096.75366	
HandwheelTorque_HwNm_M_f32	-2.41939998	
HandwheelVelocity_HwRadpS_M_f32	2.45819998	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	716.349426	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	16.4423008	
k_AUTORARRETMOTDAValidThresh_mS_u16	16683	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	988.050293	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.51160002	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.9138999	
k_DDEREDEMDAVehSpdThresh_Kph_f32	250.871506	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.0373000018	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	37904	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0	

Name	Input Value		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.75590038		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	2.13700008		
Name	**Actual Value**	**Expected Value**	**Result**
target_Pim_PimIsDatDiraMsg.CpleVolant	-35	-35	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.76 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.058600001	
HandwheelPosition_HwDeg_M_f32	1129.14832	
HandwheelTorque_HwNm_M_f32	-1.65180004	
HandwheelVelocity_HwRadpS_M_f32	15.9989004	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	338.65509	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.89720011	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	11.3528996	
k_AUTORARRETMOTDAValidThresh_mS_u16	32428	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	392.241486	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.850300014	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.6647997	
k_DDEREDEMDAVehSpdThresh_Kph_f32	160.268097	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.578299999	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	8674	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1	
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1	
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1	
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0	

Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-0.691799998		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	14.816		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-3	-3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.77 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.539399981
HandwheelPosition_HwDeg_M_f32	-1102.74084
HandwheelTorque_HwNm_M_f32	4.2677002
HandwheelVelocity_HwRadpS_M_f32	23.2607002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1450.65881
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.7276001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0
k_AUTORARRETMOTDAValidThresh_mS_u16	15115
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1173.67175
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.09969997
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	28.9232006
k_DDEREDEMDAVehSpdThresh_Kph_f32	190.776199
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.0171000008
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	36030
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.6796999
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	175.042007

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-15	-15	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.78 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0

Name	Input Value
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.444299996
HandwheelPosition_HwDeg_M_f32	1012.68719
HandwheelTorque_HwNm_M_f32	3.25390005
HandwheelVelocity_HwRadpS_M_f32	-3.41470003
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	982.509827
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.4071002
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	32
k_AUTORARRETMOTDAValidThresh_mS_u16	42633
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1540.17993
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.0899
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	28.6098003
k_DDEREDEMDAVehSpdThresh_Kph_f32	5.45510006
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.364899993
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	16407
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.997799993
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	79.7102966

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	4	4	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.79 (Repeat Count = 1)	✔
Name	**Input Value**
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.718200028
HandwheelPosition_HwDeg_M_f32	510.012207
HandwheelTorque_HwNm_M_f32	0.479000002

Name	Input Value
HandwheelVelocity_HwRadpS_M_f32	28.3591003
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1323.88464
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.65380001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0.873000026
k_AUTORARRETMOTDAValidThresh_mS_u16	15720
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1373.50745
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.5370998
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.2255993
k_DDEREDEMDAVehSpdThresh_Kph_f32	104.060204
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.503600001
target Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16 Ela	7180
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.35780001
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	18.9036007

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-13	-13	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.80 (Repeat Count = 1)   ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.850899994
HandwheelPosition_HwDeg_M_f32	-1219.21948
HandwheelTorque_HwNm_M_f32	-1.29589999
HandwheelVelocity_HwRadpS_M_f32	-26.5849991
Rte Call Ap SrlComOutput SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1

Name	Input Value
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1017.97461
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.56130004
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	19.4067993
k_AUTORARRETMOTDAValidThresh_mS_u16	58652
k_DDEREDEMDAHwPosThresh_HwDeg_f32	317.045685
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.13240004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.3313999
k_DDEREDEMDAVehSpdThresh_Kph_f32	208.824005
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.945200026
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elap	24907
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.18540001
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	93.0742035

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-21	-21	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.81 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.601800025
HandwheelPosition_HwDeg_M_f32	1168.08655
HandwheelTorque_HwNm_M_f32	4.4993
HandwheelVelocity_HwRadpS_M_f32	-15.1118002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	0
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.67740011
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	17.6422997

Name	Input Value
k_AUTORARRETMOTDAValidThresh_mS_u16	59255
k_DDEREDEMDAHwPosThresh_HwDeg_f32	444.580688
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.5609999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.7396002
k_DDEREDEMDAVehSpdThresh_Kph_f32	20.6508999
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.461600006
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	15914
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.33699989
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	23.7294006

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-13	-13	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.82 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.548399985
HandwheelPosition_HwDeg_M_f32	1074.14001
HandwheelTorque_HwNm_M_f32	-0.0891000032
HandwheelVelocity_HwRadpS_M_f32	11.9794998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1600
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.62590003
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	19.6105995
k_AUTORARRETMOTDAValidThresh_mS_u16	65290
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1376.05652
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.7349
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.1093998

Name	Input Value		
k_DDEREDEMDAVehSpdThresh_Kph_f32	188.331406		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.328999996		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	46121		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.89680004		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	169.512207		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	24	24	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.83 (Repeat Count = 1) ✔

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.764199972
HandwheelPosition_HwDeg_M_f32	340.168396
HandwheelTorque_HwNm_M_f32	5.54949999
HandwheelVelocity_HwRadpS_M_f32	-5.73979998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	45
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.8217001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	31.6025009
k_AUTORARRETMOTDAValidThresh_mS_u16	59469
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1124.50195
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.3027
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	28.6867008
k_DDEREDEMDAVehSpdThresh_Kph_f32	206.079895
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.583400011
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	37174

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.98850012
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	249.944794

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	24	24	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.84 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.886500001	
HandwheelPosition_HwDeg_M_f32	-1484.83276	
HandwheelTorque_HwNm_M_f32	-2.53250003	
HandwheelVelocity_HwRadpS_M_f32	10.5973997	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1155.48242	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.01320004	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	14.9127998	
k_AUTORARRETMOTDAValidThresh_mS_u16	56540	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	680.511902	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.47340012	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	20.3500004	
k_DDEREDEMDAVehSpdThresh_Kph_f32	163.317795	
k_JDD2010Selected_Cnt_lgc	1	
k_STTdMinHwAuthority_Uls_f32	0.626100004	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	59266	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.69750023
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	102.889099

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-19	-19	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Test Step 2.85 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	0	
HandwheelAuthority_Uls_M_f32	0.827199996	
HandwheelPosition_HwDeg_M_f32	1309.151	
HandwheelTorque_HwNm_M_f32	-1.22379994	
HandwheelVelocity_HwRadpS_M_f32	-10.7107	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1285.17383	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.11049986	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	14.4814997	
k_AUTORARRETMOTDAValidThresh_mS_u16	0	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	255.574402	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.2506001	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.0361004	
k_DDEREDEMDAVehSpdThresh_Kph_f32	137.111496	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.962599993	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	14834	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	

Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.412499994
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	77.6911011

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault		1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed		6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus		1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant		1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004		1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010		1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16		1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg		1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg		1	✔

Test Step 2.86 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	0	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.656300008	
HandwheelPosition_HwDeg_M_f32	-697.574829	
HandwheelTorque_HwNm_M_f32	1.37759995	
HandwheelVelocity_HwRadpS_M_f32	18.4943008	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	496.740387	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.93270016	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	31.6588001	
k_AUTORARRETMOTDAValidThresh_mS_u16	65535	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	978.234314	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.8399	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	24.2486	
k_DDEREDEMDAVehSpdThresh_Kph_f32	78.2873001	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.76700002	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	31736	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1	

Name	Input Value		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.1401		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	18.7481995		

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	29	29	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.87 (Repeat Count = 1)		✔
Name	**Input Value**	
AbsTempThermLimit_Cnt_M_lgc	1	
DefaultHwaSCommExportValue_Cnt_M_lgc	0	
DutyCycleExceeded_Cnt_M_lgc	1	
HandwheelAuthority_Uls_M_f32	0.751999974	
HandwheelPosition_HwDeg_M_f32	1004.33807	
HandwheelTorque_HwNm_M_f32	7.91289997	
HandwheelVelocity_HwRadpS_M_f32	16.5592995	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput	
STTdSelected_Cnt_M_lgc	1	
VehicleSpeedValid_Cnt_M_lgc	1	
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	980.610291	
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.24699974	
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.9113998	
k_AUTORARRETMOTDAValidThresh_mS_u16	35	
k_DDEREDEMDAHwPosThresh_HwDeg_f32	157.3172	
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.3308001	
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	26.6343002	
k_DDEREDEMDAVehSpdThresh_Kph_f32	79.6225967	
k_JDD2010Selected_Cnt_lgc	0	
k_STTdMinHwAuthority_Uls_f32	0.918500006	
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela|	42588	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu|	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg|	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg	
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0	
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2	
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1	
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0	
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0	

Name	Input Value
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.31839991
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	26.9824009

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	13	13	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔	

Test Step 2.88 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.116700001
HandwheelPosition_HwDeg_M_f32	-439.315887
HandwheelTorque_HwNm_M_f32	4.15770006
HandwheelVelocity_HwRadpS_M_f32	-8.37230015
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1370.72156
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.33339977
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	17.7131004
k_AUTORARRETMOTDAValidThresh_mS_u16	48658
k_DDEREDEMDAHwPosThresh_HwDeg_f32	553.776611
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.33199978
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.2338009
k_DDEREDEMDAVehSpdThresh_Kph_f32	143.896805
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.412400007
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	20352
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lg	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.73950005
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	120.150597

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-19	-19	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✔
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✔
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✔
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✔
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✔
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✔
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_SUPV_DIRA_Get

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'SrlComOutput'	***Unit Test Information***

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
"((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

*** |

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	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Range Test   ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS 1.1 959.00 Cycles
Description	Vector Description: TS1.1 Check for call trace

Test Step 1.1 (Repeat Count = 1)   ✔

Name	Input Value
IsSupvDira	NULL
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	NULL

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
memcpy_dup	1	memcpy_dup	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_Trns1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'SrlComOutput'	**Unit Test Information** Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrlComOutput.c Code File(s) Version: 21 Module Design Document: SrlComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m". **

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	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Range Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 8.00 Cycles
Description	Vector Description: TS1.1 Check for Output

Test Step 1.1 (Repeat Count = 1) ✔

Name	Actual Value	Expected Value	Result
ReInitializeComponent_M_lgc	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetHwTorqueFault

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3	
Successful	3	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

Unit Test Information

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

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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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 1872.00 Cycles TS1.2 1953.00 Cycles
Description	Vector Description: TS1.1 Shortest Execution Path: hwTorqueFault_T_lgc = (boolean)((TRUE == T1vsT2_Cnt_T_lgc)==>False || (TRUE == T1OutofRange_Cnt_T_lgc)==>False || (TRUE == T2OutofRange_Cnt_T_lgc)==>False || (TRUE == AnaHWDiffTqOfstNotTrmd_Cnt_T_lgc)==>False)==>False TS1.2 Longest Execution Path: hwTorqueFault_T_lgc = (boolean)((TRUE == T1vsT2_Cnt_T_lgc)==>True || (TRUE == T1OutofRange_Cnt_T_lgc) || (TRUE == T2OutofRange_Cnt_T_lgc) || (TRUE == AnaHWDiffTqOfstNotTrmd_Cnt_T_lgc))==>True

Test Step 1.1 (Repeat Count = 1) ✔

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Case 2: Range Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS2.1 1901.00 Cycles TS2.2 1872.00 Cycles TS2.3 1872.00 Cycles
Description	Vector Description: TS2.1Rte_Call_NxtrDiagMgr_GetNTCFailed==>Min TS2.2Rte_Call_NxtrDiagMgr_GetNTCFailed==>Max TS2.3Rte_Call_NxtrDiagMgr_GetNTCFailed==>Pos

Test Step 2.1 (Repeat Count = 1) ✔

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 2.2 (Repeat Count = 1) ✔

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 2.3 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Case 3: Path Test

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS3.1 1901.00 Cycles
TS3.2 1872.00 Cycles
```

Description   Vector Description:

```
TS3.1  hwTorqueFault_T_lgc = (boolean)((TRUE == T1vsT2_Cnt_T_lgc)==>False ||
(TRUE == T1OutofRange_Cnt_T_lgc)==>False ||
(TRUE == T2OutofRange_Cnt_T_lgc)==>True ||
(TRUE == AnaHWDiffTqOfstNotTrmd_Cnt_T_lgc))==>True
TS3.2  hwTorqueFault_T_lgc = (boolean)((TRUE == T1vsT2_Cnt_T_lgc)==>False ||
(TRUE == T1OutofRange_Cnt_T_lgc)==>True ||
(TRUE == T2OutofRange_Cnt_T_lgc) ||
(TRUE == AnaHWDiffTqOfstNotTrmd_Cnt_T_lgc))==>True
```

Test Step 3.1 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Test Step 3.2 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✔

Razorcat

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_ReInit

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'SrlComOutput'	**Unit Test Information** Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrlComOutput.c Code File(s) Version: 21 Module Design Document: SrlComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m". **

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	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Range Test ✔

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 4265.00 Cycles TS1.2 4354.00 Cycles TS1.3 4354.00 Cycles
Description	Vector Description: TS1.1Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min TS1.2Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max TS1.3Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	0
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg

Name	Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32	0	0	✔
ETATSECUANGLECOLSigTimer_mS_M_u32	0	0	✔
IsSupvDiraFirstCall_Cnt_M_lgc	1	1	✔
IsSupvDiraPrev.CodeDefaut	0	0	✔
IsSupvDiraPrev.StatusConfabsent	0	0	✔
IsSupvDiraPrev.EtatAssistDa	0	0	✔
IsSupvDiraPrev.EtatLigneApc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	0	0	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	0	0	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	0	0	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	0	0	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	4294967295
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg

Name	Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32	4294967295	4294967295	✔
ETATSECUANGLECOLSigTimer_mS_M_u32	4294967295	4294967295	✔
IsSupvDiraFirstCall_Cnt_M_lgc	1	1	✔
IsSupvDiraPrev.CodeDefaut	0	0	✔
IsSupvDiraPrev.StatusConfabsent	0	0	✔
IsSupvDiraPrev.EtatAssistDa	0	0	✔
IsSupvDiraPrev.EtatLigneApc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	0	0	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	0	0	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	0	0	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	0	0	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Test Step 1.3 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	40547896
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg

Name	Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32	40547896	40547896	✔
ETATSECUANGLECOLSigTimer_mS_M_u32	40547896	40547896	✔
IsSupvDiraFirstCall_Cnt_M_lgc	1	1	✔
IsSupvDiraPrev.CodeDefaut	0	0	✔
IsSupvDiraPrev.StatusConfabsent	0	0	✔
IsSupvDiraPrev.EtatAssistDa	0	0	✔
IsSupvDiraPrev.EtatLigneApc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	0	0	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	0	0	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	0	0	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	0	0	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✔
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✔
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetVitesseColonne

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3	
Successful	3	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

```
*****************************************************************Unit Test Information*********************************************************

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable  "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable  "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable  "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable  "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

***************************************************************************************************************************************
```

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS1.1 51.00 Cycles
TS1.2 123.00 Cycles
```

Description

Vector Description:

TS1.1Shortest Execution Path:
if (TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>True

TS1.2Longest Execution Path:
if (TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>False,
((HandwheelVelocity_HwRadpS_M_f32 * (57.295779513082) * (-1.0f)) >= (2000.0f))==>False,
((HandwheelVelocity_HwRadpS_M_f32 * (57.295779513082) * (-1.0f)) >= ((-2000.0f)))==>False,
((VitesseColonne_HwDegpS_T_f32) < 0.0f)==>False

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	1		
HandwheelVelocity_HwRadpS_M_f32	32		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetVitesseColonne()	2047	2047	✔

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		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-32		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetVitesseColonne()	1833	1833	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Case 2: Range Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS2.1 123.00 Cycles
TS2.2 51.00 Cycles
TS2.3 123.00 Cycles
TS2.4 51.00 Cycles
TS2.5 123.00 Cycles
TS2.6 123.00 Cycles
TS2.7 123.00 Cycles
TS2.8 123.00 Cycles
TS2.9 123.00 Cycles
```

Description

Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3DefaultHwaSCommExportValue_Cnt_M_lgc==>Min
TS2.4DefaultHwaSCommExportValue_Cnt_M_lgc==>Max
TS2.5HandwheelVelocity_HwRadpS_M_f32==>Min
TS2.6HandwheelVelocity_HwRadpS_M_f32==>Max
TS2.7HandwheelVelocity_HwRadpS_M_f32==>Zero
TS2.8HandwheelVelocity_HwRadpS_M_f32==>Pos
TS2.9HandwheelVelocity_HwRadpS_M_f32==>Neg

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-32		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetVitesseColonne()	1833	1833	✔

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**		
DefaultHwaSCommExportValue_Cnt_M_lgc	1		
HandwheelVelocity_HwRadpS_M_f32	32		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetVitesseColonne()	2047	2047	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 2.3 (Repeat Count = 1)			✔
Name	**Input Value**		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-26.9251003		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetVitesseColonne()	1543	1543	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 2.4 (Repeat Count = 1)			✔
Name	**Input Value**		
DefaultHwaSCommExportValue_Cnt_M_lgc	1		
HandwheelVelocity_HwRadpS_M_f32	9.70250034		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetVitesseColonne()	2047	2047	✔

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**		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-32		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetVitesseColonne()	1833	1833	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 2.6 (Repeat Count = 1)			✔
Name	**Input Value**		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	32		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetVitesseColonne()	-1833	-1833	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.7 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	0		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.8 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	16.5942001		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	-951	-951	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.9 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-11.6589003		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	668	668	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Case 3: Path Test

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS3.1 77.00 Cycles
TS3.2 120.00 Cycles
```

Description   Vector Description:

TS3.1 ((HandwheelVelocity_HwRadpS_M_f32 * (57.295779513082) * (-1.0f)) >= (2000.0f))==>True
TS3.2 ((HandwheelVelocity_HwRadpS_M_f32 * (57.295779513082) * (-1.0f)) <= (-2000.0f))==>True

Test Step 3.1 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-34.906601		

Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	2000	2000	✔

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
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelVelocity_HwRadpS_M_f32	34.906601

Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	-2000	-2000	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetCpleVolant

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3	
Successful	3	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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	$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I$(PROJECTROOT)\SrlComOutput\utp\contract -I$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef \include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**

Module 'SrlComOutput'

Unit Test Information

Name of Tester: Sachin Kamate
Code File(s) Under Test: Ap_SrlComOutput.c
Code File(s) Version: 21
Module Design Document: SrlComOutput_MDD.docx
Module Design Document Version: 6
Data Dictionary Version: 10
Unit Test Plan Version: 10
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): 3412
Total RAM Used (Bytes): 44
Total CALS Used (Bytes): 37
Special Test Requirements: NA
Test Date: 5/28/2018
Comments:
Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.
Note 2: Inline functions in GlobalMacro.h are not unit tested.
Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 ,
out of range values is given to
the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32].
Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 ,
out of range values is given to
the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8].
Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 ,
out of range values is given to
the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10].
Note 6: In function "SrlComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 ,
out of range values is given to
the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600].
Note 7: In function "SrlComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574,
 "((VITESSEROTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m".

****

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
InitSrcDir	$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification

```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS1.1 64.00 Cycles
TS1.2 123.00 Cycles
```

Description

Vector Description:

TS1.1Shortest Execution Path:
if(TRUE == hwTorqueFault_T_lgc)==>True

TS1.2Longest Execution Path:
if(TRUE == hwTorqueFault_T_lgc)==>False,
((SrlComHwTrq_HwNm_T_f32) >= (31.5f))==>False,
((SrlComHwTrq_HwNm_T_f32) <= ((-32.0f)))==>False,
((CpleVolant_Cnt_T_f32) < 0.0f)==>True

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
hwTorqueFault_T_lgc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	10

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	127	127	✔

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
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
hwTorqueFault_T_lgc	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-10

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	-40	-40	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Case 2: Range Test ✔

Specification
```
Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS2.1 123.00 Cycles
TS2.2 64.00 Cycles
TS2.3 123.00 Cycles
TS2.4 64.00 Cycles
TS2.5 123.00 Cycles
TS2.6 123.00 Cycles
TS2.7 123.00 Cycles
TS2.8 123.00 Cycles
TS2.9 123.00 Cycles
```

Description   Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3hwTorqueFault_T_lgc==>Min
TS2.4hwTorqueFault_T_lgc==>Max
TS2.5SrlComHwTrq_HwNm_f32==>Min
TS2.6SrlComHwTrq_HwNm_f32==>Max
TS2.7SrlComHwTrq_HwNm_f32==>Zero
TS2.8SrlComHwTrq_HwNm_f32==>Pos
TS2.9SrlComHwTrq_HwNm_f32==>Neg

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-10		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolant()	-40	-40	✔

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		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	10		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolant()	127	127	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.81739998		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolant()	15	15	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput

Name	Input Value		
hwTorqueFault_T_lgc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.65479994		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolant()	127	127	✔

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		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-10		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolant()	-40	-40	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 2.6 (Repeat Count = 1)   ✔

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	10		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolant()	40	40	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 2.7 (Repeat Count = 1)   ✔

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolant()	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
none	0	*** No Call Expected ***	0	✔

Test Step 2.8 (Repeat Count = 1)   ✔

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	6.48150015		
Name	**Actual Value**	**Expected Value**	**Result**
SrlComOutput_GetCpleVolant()	26	26	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Step 2.9 (Repeat Count = 1) ✔

Name	Input Value
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
hwTorqueFault_T_lgc	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.91050005

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	-20	-20	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔

Test Case 3: Path Test ✔

Specification

Performance Metrics (With "None" Instrumentation
and WithPS Environment)
CPU Cycles:

TS3.1 99.00 Cycles
TS3.2 123.00 Cycles

Description

Vector Description:

TS3.1 ((SrlComHwTrq_HwNm_T_f32) >= (31.5f))==>True
TS3.2 ((SrlComHwTrq_HwNm_T_f32) <= (-32.0f))==>True

Test Step 3.1 (Repeat Count = 1) ✔

Name	Input Value
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
hwTorqueFault_T_lgc	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	31.5

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	126	126	✔

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
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
hwTorqueFault_T_lgc	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-32

Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	-128	-128	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✔