Summary

Total Test Objects:	2
Successful:	2
Failed:	0
Not Executed:	0
Date:	2018-05-24
Time:	17:37:39+0530

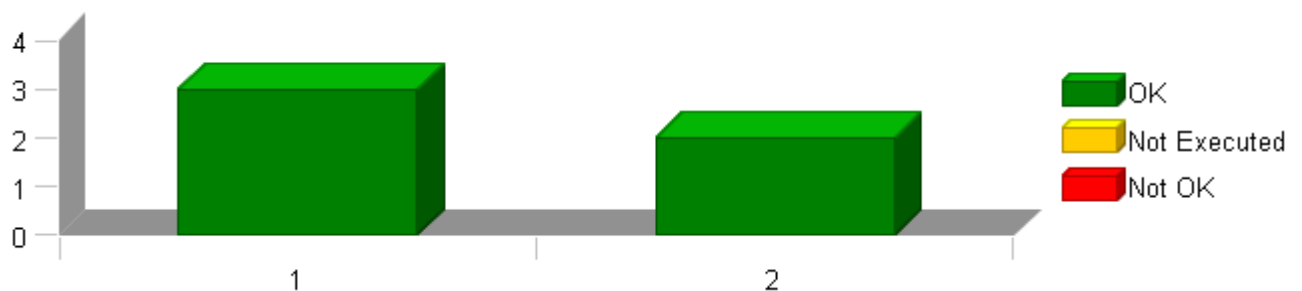## Overall Test Object Results (including Coverage)
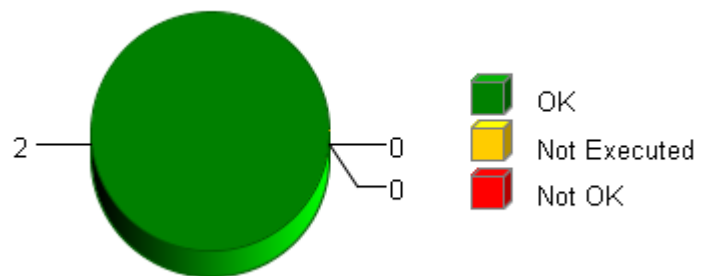
Selected Project Items

Test Collection "UnitTest"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)

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

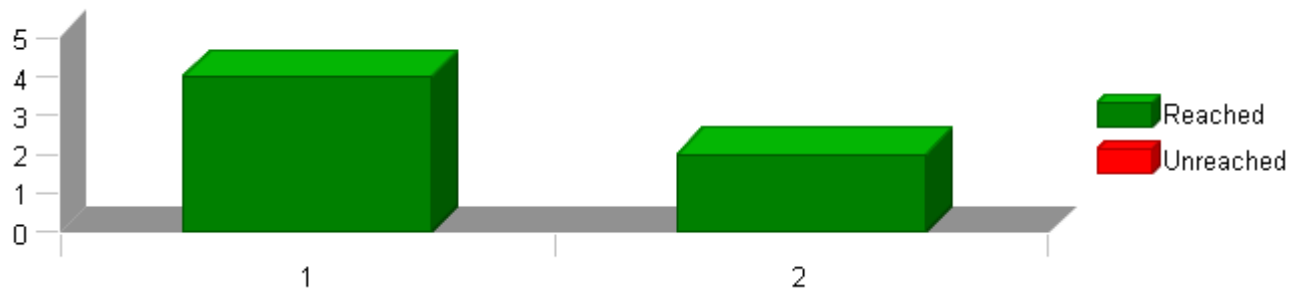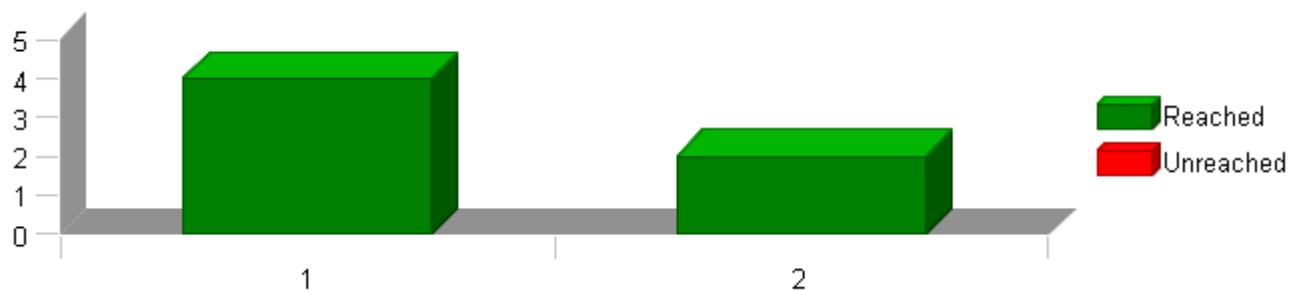## Statement (C0) Coverage: Total Statements for Each Test Object
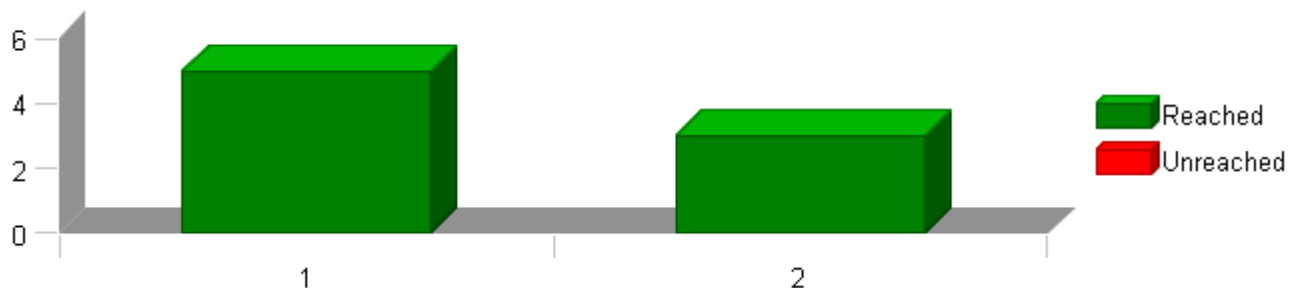
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

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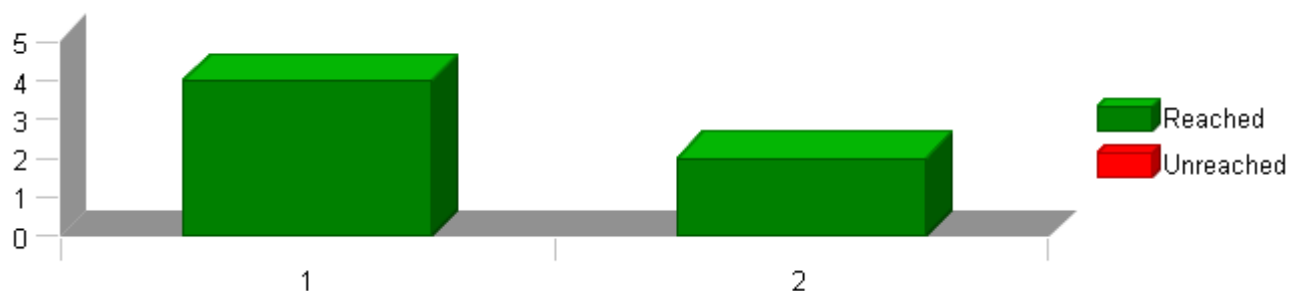
Decision Coverage: Total Decision Outcomes for Each Test Object

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

Each bar is divided into reached and unreached decision outcomes.

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

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

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

Test Object List

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

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

No.	Name	C0	C1	DC	MC/DC	Test Cases	Result
	CDDInterface9	100 %	100 %	100 %	100 %	5 of 5 passed	✔
	UnitTest	100 %	100 %	100 %	100 %	5 of 5 passed	✔
	CDDInterface_9	100 %	100 %	100 %	100 %	5 of 5 passed	✔
1	CDDInterface9_Init1	100 %	100 %	100 %	100 %	3 of 3 passed	✔
2	CDDInterface9_Per1	100 %	100 %	100 %	100 %	2 of 2 passed	✔

Project	CDDInterface9
Module	CDDInterface_9
Test Object	CDDInterface9_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\PSA_CMP_05.03.00_CDDInterface
Configuration File	D:\Synergy_Work_Area\PSA_CMP_05.03.00_CDDInterface\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	$(PROJECTROOT)\Inputs\CDDInterface\src\Sa_CDDInterface9.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -Dconst= -I$(PROJECTROOT)\contracts -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include

Comments/Description/Specification	
Name	**Text**
Module 'CDDInterface_9'	**********************************Unit Test Information******************************** Name of Tester: Radhika Pethe Code File(s) Under Test:Sa_CDDInterface9 Code File(s) Version: 4 Module Design Document:CDDInterface9_MDD Module Design Document Version:7 Data Dictionary Version: 7 Unit Test Plan Version:3 Optimization Level:Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes):874 Total RAM Used (Bytes):0 Total CALS Used (Bytes):0 Special Test Requirements:NA Test Date: 5/24/2018 Comments: Note1: "CBD_Sandbox_dbg.map" is embedded for reference. Note2: In Function "CDDInterface9_Init1" for variable"NxtrMEC_Uls_G_enum" out of range value is given to cover the default case at source code line no.218. **

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_ps.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

Attributes	
Name	**Value**
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PSA_CMP_05.03.00_CDDInterface\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

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

CPU Cycles:
1401.00 Cycles
1383.00 Cycles

Description   Vector Description:

TS1.1Longest Execution Path:
else
{
 PhaseAdvFinal_Cnt_T_f32 = ((float32)PhaseAdvFinal_Cnt_T_u16) * D_PHSADVSCALE_ULS_F32;
 PhaseAdvFinal_Cnt_T_s16 = (sint16)PhaseAdvFinal_Cnt_T_f32;
}
TS1.2Shortest Execution Path:
if(PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16)
{
 PhaseAdvFinal_Cnt_T_s32 = ((sint32)PhaseAdvFinal_Cnt_T_u16) - D_FULLREV_CNT_S32;
 PhaseAdvFinal_Cnt_T_f32 = ((float32)PhaseAdvFinal_Cnt_T_s32) * D_PHSADVSCALE_ULS_F32;
 PhaseAdvFinal_Cnt_T_s16 = (sint16)PhaseAdvFinal_Cnt_T_f32;
}

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	0
CDD_Die1RxError_Cnt_G_u16[0]	0
CDD_Die1RxError_Cnt_G_u16[1]	0
CDD_Die1RxMtrPos_Cnt_G_u16[0]	0
CDD_Die1RxMtrPos_Cnt_G_u16[1]	0
CDD_Die1RxRevCtr_Cnt_G_u16[0]	0
CDD_Die1RxRevCtr_Cnt_G_u16[1]	0
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	0
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	0
CDD_Die2RxError_Cnt_G_u16[0]	0
CDD_Die2RxError_Cnt_G_u16[1]	0
CDD_Die2RxMtrPos_Cnt_G_u16[0]	0
CDD_Die2RxMtrPos_Cnt_G_u16[1]	0
CDD_Die2RxRevCtr_Cnt_G_u16[0]	0
CDD_Die2RxRevCtr_Cnt_G_u16[1]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	0
CDD_MechMtrPos1_Rev_G_u0p16[0]	0
CDD_MechMtrPos1_Rev_G_u0p16[1]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	0
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0
CDD_MtrCurr1_Volts_G_f32[1]	0
CDD_MtrCurr2_Volts_G_f32[0]	0
CDD_MtrCurr2_Volts_G_f32[1]	0
CDD_MtrCurrDax_Amp_G_f32[0]	-220
CDD_MtrCurrDax_Amp_G_f32[1]	-220
CDD_MtrCurrK1_Amps_G_f32[0]	-220
CDD_MtrCurrK1_Amps_G_f32[1]	-220
CDD_MtrCurrK2_Amps_G_f32[0]	-220
CDD_MtrCurrK2_Amps_G_f32[1]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-220
CDD_MtrCurrQax_Amp_G_f32[0]	-220
CDD_MtrCurrQax_Amp_G_f32[1]	-220
CDD_MtrVoltDax_Volt_G_f32[0]	0
CDD_MtrVoltDax_Volt_G_f32[1]	0
CDD_MtrVoltQax_Volt_G_f32[0]	0
CDD_MtrVoltQax_Volt_G_f32[1]	0
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	0
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	0

Name	Input Value		
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	0		
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	0		
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	0		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	0		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	0		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	0		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	0		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	0		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0		
NxtrMEC_Uls_G_enum	0		
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16		
Name	**Actual Value**	**Expected Value**	**Result**
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0	0 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	0	0	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	0	0	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	0	0	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	0	0	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0	0 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	0	0	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-220	-220 ± 0.015625	✔

Name	Actual Value	Expected Value	Result
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	0	0 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 1.2 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.999984741	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.999984741	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65534	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65534	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	65534	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	65534	
CDD_Die1RxError_Cnt_G_u16[0]	65535	
CDD_Die1RxError_Cnt_G_u16[1]	65535	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	65535	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65535	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	65535	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	65535	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	65535	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	65535	
CDD_Die2RxError_Cnt_G_u16[0]	65535	
CDD_Die2RxError_Cnt_G_u16[1]	65535	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	65535	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	65535	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	65535	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	65535	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4294967295	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4294967295	
CDD_MechMtrPos1_Rev_G_u0p16[0]	65534	
CDD_MechMtrPos1_Rev_G_u0p16[1]	65534	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4294967295	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4294967295	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	5	
CDD_MtrCurr1_Volts_G_f32[1]	5	
CDD_MtrCurr2_Volts_G_f32[0]	5	
CDD_MtrCurr2_Volts_G_f32[1]	5	
CDD_MtrCurrDax_Amp_G_f32[0]	220	
CDD_MtrCurrDax_Amp_G_f32[1]	220	
CDD_MtrCurrK1_Amps_G_f32[0]	220	
CDD_MtrCurrK1_Amps_G_f32[1]	220	
CDD_MtrCurrK2_Amps_G_f32[0]	220	
CDD_MtrCurrK2_Amps_G_f32[1]	220	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	220	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	220	
CDD_MtrCurrQax_Amp_G_f32[0]	220	
CDD_MtrCurrQax_Amp_G_f32[1]	220	
CDD_MtrVoltDax_Volt_G_f32[0]	5	
CDD_MtrVoltDax_Volt_G_f32[1]	5	
CDD_MtrVoltQax_Volt_G_f32[0]	5	
CDD_MtrVoltQax_Volt_G_f32[1]	5	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	200000	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	200000	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	200000	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	200000	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	200000	

Name	Input Value
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	200000
CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	65535
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	65535
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	65534
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	65534
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4095
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4095
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	65534
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	65534
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.999984741	0.99998498 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.999969482	0.99998498 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	65534	65534 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.999969482	0.99998498 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	200000	200000	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	200000	200000	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	200000	200000	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	0	0	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4294967295	4294967295	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.999969482	0.999984741 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	4294967295	4294967295	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	220	220 ± 0.015625	✔

TEST DETAILS REPORT

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CDDInterface9_Per1

Razorcat

Name	Actual Value	Expected Value	Result
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.999969482	0.99998498 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	4095	4095	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	65534	65534 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Case 2: Range Test ✔

Specification

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

CPU Cycles:

TS2.1 1385.00 Cycles
TS2.2 1383.00 Cycles
TS2.3 1385.00 Cycles
TS2.4 1383.00 Cycles
TS2.5 1383.00 Cycles
TS2.6 1385.00 Cycles
TS2.7 1385.00 Cycles
TS2.8 1383.00 Cycles
TS2.9 1385.00 Cycles
TS2.10 1383.00 Cycles
TS2.11 1385.00 Cycles
TS2.12 1383.00 Cycles
TS2.13 1383.00 Cycles
TS2.14 1383.00 Cycles
TS2.15 1385.00 Cycles
TS2.16 1383.00 Cycles
TS2.17 1385.00 Cycles
TS2.18 1383.00 Cycles
TS2.19 1383.00 Cycles
TS2.20  1383.00 Cycles
TS2.21 1383.00 Cycles
TS2.22 1385.00 Cycles
TS2.23 1385.00 Cycles
TS2.24 1385.00 Cycles
TS2.25 1385.00 Cycles
TS2.26 1383.00 Cycles
TS2.27 1385.00 Cycles
TS2.28 1385.00 Cycles
TS2.29 1383.00 Cycles
TS2.30  1383.00 Cycles
TS2.31 1385.00 Cycles
TS2.32 1385.00 Cycles
TS2.33 1385.00 Cycles
TS2.34 1383.00 Cycles
TS2.35 1385.00 Cycles
TS2.36 1383.00 Cycles
TS2.37 1383.00 Cycles
TS2.38 1385.00 Cycles
TS2.39 1385.00 Cycles
TS2.40  1385.00 Cycles
TS2.41 1385.00 Cycles
TS2.42 1385.00 Cycles
TS2.43 1383.00 Cycles
TS2.44 1383.00 Cycles
TS2.45 1383.00 Cycles
TS2.46 1385.00 Cycles
TS2.47 1385.00 Cycles
TS2.48 1383.00 Cycles
TS2.49 1383.00 Cycles
TS2.50   1383.00 Cycles
TS2.51 1385.00 Cycles
TS2.52 1385.00 Cycles
TS2.53 1385.00 Cycles
TS2.54 1385.00 Cycles
TS2.55 1383.00 Cycles
TS2.56 1383.00 Cycles
TS2.57 1385.00 Cycles
TS2.58 1385.00 Cycles
TS2.59 1385.00 Cycles
TS2.60 1383.00 Cycles
TS2.61 1385.00 Cycles
TS2.62 1385.00 Cycles
TS2.63 1383.00 Cycles
TS2.64 1383.00 Cycles
TS2.65 1383.00 Cycles
TS2.66 1385.00 Cycles
TS2.67 1383.00 Cycles
TS2.68 1385.00 Cycles
TS2.69 1385.00 Cycles
TS2.70 1383.00 Cycles
TS2.71 1385.00 Cycles
TS2.72 1385.00 Cycles
TS2.73 1383.00 Cycles
TS2.74 1383.00 Cycles
TS2.75 1383.00 Cycles
TS2.76 1385.00 Cycles
TS2.77 1385.00 Cycles
TS2.78 1383.00 Cycles
TS2.79 1383.00 Cycles
TS2.80 1383.00 Cycles
TS2.81 1385.00 Cycles
TS2.82 1385.00 Cycles
TS2.83 1383.00 Cycles
TS2.84 1385.00 Cycles
TS2.85 1385.00 Cycles
TS2.86 1383.00 Cycles
TS2.87 1383.00 Cycles
TS2.88 1383.00 Cycles
TS2.89 1383.00 Cycles
TS2.90 1385.00 Cycles
TS2.91 1383.00 Cycles
TS2.92 1383.00 Cycles
TS2.93 1383.00 Cycles
TS2.94 1385.00 Cycles
TS2.95 1385.00 Cycles
TS2.96 1385.00 Cycles
TS2.97 1383.00 Cycles
TS2.98 1385.00 Cycles
TS2.99 1385.00 Cycles
TS2.100  1383.00 Cycles
TS2.101 1385.00 Cycles
TS2.102 1385.00 Cycles
TS2.103 1385.00 Cycles
TS2.104 1385.00 Cycles
TS2.105 1385.00 Cycles
TS2.106 1385.00 Cycles
```

Description   Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3CDD_CDDDataAccessBfr_Cnt_G_u16==>Min
TS2.4CDD_CDDDataAccessBfr_Cnt_G_u16==>Max
TS2.5CDD_MtrCurr1_Volts_G_f32[2]==>Min
TS2.6CDD_MtrCurr1_Volts_G_f32[2]==>Max
TS2.7CDD_MtrCurr1_Volts_G_f32[2]==>Pos
TS2.8CDD_MtrCurr2_Volts_G_f32[2]==>Min
TS2.9CDD_MtrCurr2_Volts_G_f32[2]==>Max
TS2.10CDD_MtrCurr2_Volts_G_f32[2]==>Pos
TS2.11CDD_CorrMtrCurrPosition_Rev_G_f32[2]==>Min
TS2.12CDD_CorrMtrCurrPosition_Rev_G_f32[2]==>Max
TS2.13CDD_CorrMtrCurrPosition_Rev_G_f32[2]==>Pos
TS2.14CDD_CorrectedElecMtrPos_Rev_G_u0p16[2]==>Min
TS2.15CDD_CorrectedElecMtrPos_Rev_G_u0p16[2]==>Max
TS2.16CDD_CorrectedElecMtrPos_Rev_G_u0p16[2]==>Pos
TS2.17CDD_CumMechMtrPos_Rev_G_s15p16[2]==>Min
TS2.18CDD_CumMechMtrPos_Rev_G_s15p16[2]==>Max
TS2.19CDD_CumMechMtrPos_Rev_G_s15p16[2]==>Pos
TS2.20CDD_Die1RxError_Cnt_G_u16[2]==>Min
TS2.21CDD_Die1RxError_Cnt_G_u16[2]==>Max
TS2.22CDD_Die1RxError_Cnt_G_u16[2]==>Pos
TS2.23CDD_Die1RxRevCtr_Cnt_G_u16[2]==>Min
TS2.24CDD_Die1RxRevCtr_Cnt_G_u16[2]==>Max
TS2.25CDD_Die1RxRevCtr_Cnt_G_u16[2]==>Pos
TS2.26CDD_Die1RxMtrPos_Cnt_G_u16[2]==>Min
TS2.27CDD_Die1RxMtrPos_Cnt_G_u16[2]==>Max
TS2.28CDD_Die1RxMtrPos_Cnt_G_u16[2]==>Pos
TS2.29CDD_Die2RxError_Cnt_G_u16[2]==>Min
TS2.30CDD_Die2RxError_Cnt_G_u16[2]==>Max
TS2.31CDD_Die2RxError_Cnt_G_u16[2]==>Pos
TS2.32CDD_Die2RxMtrPos_Cnt_G_u16[2]==>Min
TS2.33CDD_Die2RxMtrPos_Cnt_G_u16[2]==>Max
TS2.34CDD_Die2RxMtrPos_Cnt_G_u16[2]==>Pos
TS2.35CDD_Die2RxRevCtr_Cnt_G_u16[2]==>Min
TS2.36CDD_Die2RxRevCtr_Cnt_G_u16[2]==>Max
TS2.37CDD_Die2RxRevCtr_Cnt_G_u16[2]==>Pos
TS2.38CDD_PWMDutyCycleASum_Cnt_G_u32[2]==>Min
TS2.39CDD_PWMDutyCycleASum_Cnt_G_u32[2]==>Max
TS2.40CDD_PWMDutyCycleASum_Cnt_G_u32[2]==>Pos
TS2.41CDD_PWMDutyCycleBSum_Cnt_G_u32[2]==>Min
TS2.42CDD_PWMDutyCycleBSum_Cnt_G_u32[2]==>Max
TS2.43CDD_PWMDutyCycleBSum_Cnt_G_u32[2]==>Pos
TS2.44CDD_PWMDutyCycleCSum_Cnt_G_u32[2]==>Min
TS2.45CDD_PWMDutyCycleCSum_Cnt_G_u32[2]==>Max
TS2.46CDD_PWMDutyCycleCSum_Cnt_G_u32[2]==>Pos
TS2.47CDD_PhaseAdvFinal_Cnt_G_u16[2]==>Min
TS2.48CDD_PhaseAdvFinal_Cnt_G_u16[2]==>Max
TS2.49CDD_PhaseAdvFinal_Cnt_G_u16[2]==>Pos
TS2.50CDD_MechMtrPos1_Rev_G_u0p16[2]==>Min
TS2.51CDD_MechMtrPos1_Rev_G_u0p16[2]==>Max
TS2.52CDD_MechMtrPos1_Rev_G_u0p16[2]==>Pos
TS2.53CDD_MechMtrPos1TimeStamp_uSec_G_u32[2]==>Min
TS2.54CDD_MechMtrPos1TimeStamp_uSec_G_u32[2]==>Max
TS2.55CDD_MechMtrPos1TimeStamp_uSec_G_u32[2]==>Pos
TS2.56CDD_MechMtrPos2TimeStamp_uSec_G_u32[2]==>Min
TS2.57CDD_MechMtrPos2TimeStamp_uSec_G_u32[2]==>Max
TS2.58CDD_MechMtrPos2TimeStamp_uSec_G_u32[2]==>Pos
TS2.59CDD_ModIdxFinal_Uls_G_u16p16[2]==>Min
TS2.60CDD_ModIdxFinal_Uls_G_u16p16[2]==>Max
TS2.61CDD_MtrCurrDax_Amp_G_f32[2]==>Min
TS2.62CDD_MtrCurrDax_Amp_G_f32[2]==>Max
TS2.63CDD_MtrCurrDax_Amp_G_f32[2]==>Pos
TS2.64CDD_MtrCurrDax_Amp_G_f32[2]==>Zero
TS2.65CDD_MtrCurrDax_Amp_G_f32[2]==>Neg
TS2.66CDD_MtrCurrK1_Amps_G_f32[2]==>Min
TS2.67CDD_MtrCurrK1_Amps_G_f32[2]==>Max
TS2.68CDD_MtrCurrK1_Amps_G_f32[2]==>Pos
TS2.69CDD_MtrCurrK1_Amps_G_f32[2]==>Zero
TS2.70CDD_MtrCurrK1_Amps_G_f32[2]==>Neg
TS2.71CDD_MtrCurrK2_Amps_G_f32[2]==>Min
TS2.72CDD_MtrCurrK2_Amps_G_f32[2]==>Max
TS2.73CDD_MtrCurrK2_Amps_G_f32[2]==>Pos
TS2.74CDD_MtrCurrK2_Amps_G_f32[2]==>Zero
TS2.75CDD_MtrCurrK2_Amps_G_f32[2]==>Neg
TS2.76CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Min
TS2.77CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Max
TS2.78CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Pos
TS2.79CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Zero
TS2.80CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Neg
TS2.81CDD_MtrCurrQax_Amp_G_f32[2]==>Min
TS2.82CDD_MtrCurrQax_Amp_G_f32[2]==>Max
TS2.83CDD_MtrCurrQax_Amp_G_f32[2]==>Pos
TS2.84CDD_MtrCurrQax_Amp_G_f32[2]==>Zero
TS2.85CDD_MtrCurrQax_Amp_G_f32[2]==>Neg
TS2.86CDD_MtrVoltDax_Volt_G_f32[2]==>Min
TS2.87CDD_MtrVoltDax_Volt_G_f32[2]==>Max
TS2.88CDD_MtrVoltDax_Volt_G_f32[2]==>Pos
TS2.89CDD_MtrVoltQax_Volt_G_f32[2]==>Min
TS2.90CDD_MtrVoltQax_Volt_G_f32[2]==>Max
TS2.91CDD_MtrVoltQax_Volt_G_f32[2]==>Pos
TS2.92CDD_RxMtrPosParityAccum_Cnt_G_u16[2]==>Min
TS2.93CDD_RxMtrPosParityAccum_Cnt_G_u16[2]==>Max
TS2.94CDD_RxMtrPosParityAccum_Cnt_G_u16[2]==>Pos

TS2.95CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[2]==>Min
TS2.96CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[2]==>Max
TS2.97CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[2]==>Pos
TS2.98CDD_UncorrMechMtrPos1_Rev_G_u0p16[2]==>Min
TS2.99CDD_UncorrMechMtrPos1_Rev_G_u0p16[2]==>Max
TS2.100CDD_UncorrMechMtrPos1_Rev_G_u0p16[2]==>Pos
TS2.101CDD_SysCVSwitchADC_Cnt_G_u16[2]==>Min
TS2.102CDD_SysCVSwitchADC_Cnt_G_u16[2]==>Max
TS2.103CDD_SysCVSwitchADC_Cnt_G_u16[2]==>Pos
TS2.104CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[2]==>Min
TS2.105CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[2]==>Max
TS2.106CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[2]==>Pos

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	0
CDD_Die1RxError_Cnt_G_u16[0]	0
CDD_Die1RxError_Cnt_G_u16[1]	0
CDD_Die1RxMtrPos_Cnt_G_u16[0]	0
CDD_Die1RxMtrPos_Cnt_G_u16[1]	0
CDD_Die1RxRevCtr_Cnt_G_u16[0]	0
CDD_Die1RxRevCtr_Cnt_G_u16[1]	0
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	0
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	0
CDD_Die2RxError_Cnt_G_u16[0]	0
CDD_Die2RxError_Cnt_G_u16[1]	0
CDD_Die2RxMtrPos_Cnt_G_u16[0]	0
CDD_Die2RxMtrPos_Cnt_G_u16[1]	0
CDD_Die2RxRevCtr_Cnt_G_u16[0]	0
CDD_Die2RxRevCtr_Cnt_G_u16[1]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	0
CDD_MechMtrPos1_Rev_G_u0p16[0]	0
CDD_MechMtrPos1_Rev_G_u0p16[1]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	0
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0
CDD_MtrCurr1_Volts_G_f32[1]	0
CDD_MtrCurr2_Volts_G_f32[0]	0
CDD_MtrCurr2_Volts_G_f32[1]	0
CDD_MtrCurrDax_Amp_G_f32[0]	-220
CDD_MtrCurrDax_Amp_G_f32[1]	-220
CDD_MtrCurrK1_Amps_G_f32[0]	-220
CDD_MtrCurrK1_Amps_G_f32[1]	-220
CDD_MtrCurrK2_Amps_G_f32[0]	-220
CDD_MtrCurrK2_Amps_G_f32[1]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-220
CDD_MtrCurrQax_Amp_G_f32[0]	-220
CDD_MtrCurrQax_Amp_G_f32[1]	-220
CDD_MtrVoltDax_Volt_G_f32[0]	0
CDD_MtrVoltDax_Volt_G_f32[1]	0
CDD_MtrVoltQax_Volt_G_f32[0]	0
CDD_MtrVoltQax_Volt_G_f32[1]	0
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	0
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	0
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	0
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_SysCVSwitchADC_Cnt_G_u16[0]	0
CDD_SysCVSwitchADC_Cnt_G_u16[1]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0

Name	Input Value
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_ι	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_ι	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_ι	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amr	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0	0 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	0	0	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	0	0	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	0	0	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	0	0	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0	0 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	0	0	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	0	0 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.2 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.99998498
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.99998498
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65534
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65534
CDD_CumMechMtrPos_Rev_G_s15p16[0]	65534
CDD_CumMechMtrPos_Rev_G_s15p16[1]	65534
CDD_Die1RxError_Cnt_G_u16[0]	65535
CDD_Die1RxError_Cnt_G_u16[1]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[1]	65535
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	65535
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	65535
CDD_Die2RxError_Cnt_G_u16[0]	65535
CDD_Die2RxError_Cnt_G_u16[1]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	65535
CDD_Die2RxRevCtr_Cnt_G_u16[1]	65535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4294967295
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4294967295
CDD_MechMtrPos1_Rev_G_u0p16[0]	65534
CDD_MechMtrPos1_Rev_G_u0p16[1]	65534
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4294967295
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4294967295
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	5
CDD_MtrCurr1_Volts_G_f32[1]	5
CDD_MtrCurr2_Volts_G_f32[0]	5
CDD_MtrCurr2_Volts_G_f32[1]	5
CDD_MtrCurrDax_Amp_G_f32[0]	220
CDD_MtrCurrDax_Amp_G_f32[1]	220
CDD_MtrCurrK1_Amps_G_f32[0]	220
CDD_MtrCurrK1_Amps_G_f32[1]	220
CDD_MtrCurrK2_Amps_G_f32[0]	220
CDD_MtrCurrK2_Amps_G_f32[1]	220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	220
CDD_MtrCurrQax_Amp_G_f32[0]	220
CDD_MtrCurrQax_Amp_G_f32[1]	220
CDD_MtrVoltDax_Volt_G_f32[0]	5
CDD_MtrVoltDax_Volt_G_f32[1]	5
CDD_MtrVoltQax_Volt_G_f32[0]	5
CDD_MtrVoltQax_Volt_G_f32[1]	5
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	200000
CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	65535
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	65535
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	65534
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	65534
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4095
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4095
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	65534
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	65534

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	5	5 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	5	5 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.99998498	0.99998498 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.999969482	0.99998498 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	65534	65534 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.999969482	0.99998498 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	65535	65535	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	65535	65535	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	65535	65535	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	65535	65535	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	65535	65535	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	65535	65535	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	65535	65535	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	200000	200000	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	200000	200000	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	200000	200000	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	0	0	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4294967295	4294967295	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.999969482	0.999984741 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	4294967295	4294967295	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	220	220 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	220	220 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	220	220 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	220	220 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	220	220 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	5	5 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	5	5 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	65535	65535	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.999969482	0.99998498 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	4095	4095	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	65534	65534 ± 0.000030517578125	✓

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.00999999978
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	13762
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	19004
CDD_CumMechMtrPos_Rev_G_s15p16[0]	23592
CDD_CumMechMtrPos_Rev_G_s15p16[1]	32112
CDD_Die1RxError_Cnt_G_u16[0]	14515
CDD_Die1RxError_Cnt_G_u16[1]	59751
CDD_Die1RxMtrPos_Cnt_G_u16[0]	61735
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65500
CDD_Die1RxRevCtr_Cnt_G_u16[0]	7399
CDD_Die1RxRevCtr_Cnt_G_u16[1]	55965
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3360
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3450
CDD_Die2RxError_Cnt_G_u16[0]	9499
CDD_Die2RxError_Cnt_G_u16[1]	50535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	19034
CDD_Die2RxMtrPos_Cnt_G_u16[1]	39335
CDD_Die2RxRevCtr_Cnt_G_u16[0]	15248
CDD_Die2RxRevCtr_Cnt_G_u16[1]	32219
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	811158272
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3500466688
CDD_MechMtrPos1_Rev_G_u0p16[0]	1965
CDD_MechMtrPos1_Rev_G_u0p16[1]	3276
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1436048128
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2766451200
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0.0820999965
CDD_MtrCurr1_Volts_G_f32[1]	2.32520008
CDD_MtrCurr2_Volts_G_f32[0]	3.19819999
CDD_MtrCurr2_Volts_G_f32[1]	2.05669999
CDD_MtrCurrDax_Amp_G_f32[0]	-86.680397
CDD_MtrCurrDax_Amp_G_f32[1]	-61.3442001
CDD_MtrCurrK1_Amps_G_f32[0]	-134.565994
CDD_MtrCurrK1_Amps_G_f32[1]	30.3001995
CDD_MtrCurrK2_Amps_G_f32[0]	-209.934006
CDD_MtrCurrK2_Amps_G_f32[1]	94.4628983
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	41.5051003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	155.699005
CDD_MtrCurrQax_Amp_G_f32[0]	107.813004
CDD_MtrCurrQax_Amp_G_f32[1]	133.149002
CDD_MtrVoltDax_Volt_G_f32[0]	3.43460011
CDD_MtrVoltDax_Volt_G_f32[1]	1.67770004
CDD_MtrVoltQax_Volt_G_f32[0]	0.550700009
CDD_MtrVoltQax_Volt_G_f32[1]	2.40919995
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	64144
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	75635
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	104733
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	176849
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	53080
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	191129
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6193
CDD_PhaseAdvFinal_Cnt_G_u16[1]	6628
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	35092
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	52063
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	41287
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	55705
CDD_SysCVSwitchADC_Cnt_G_u16[0]	321
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3148
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	7864
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	11141

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.0820999965	0.0820999965 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.19819999	3.19819999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.209991455	0.210006997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.359985352	0.360000998 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	14515	14515	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	61735	61735	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	7399	7399	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3360	3360	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	9499	9499	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	19034	19034	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	15248	15248	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	64144	64144	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	104733	104733	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	53080	53080	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	580	580	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	811158272	811158272	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.0299835205	0.0299987793 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1436048128	1436048128	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-86.680397	-86.680397 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-134.565994	-134.565994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-209.934006	-209.934006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	41.5051003	41.5051003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	107.813004	107.813004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.43460011	3.43460011 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.550700009	0.550700009 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	35092	35092	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.629989624	0.630005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	321	321	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	7864	7864 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0299999993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.0500000007
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15728
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	21626
CDD_CumMechMtrPos_Rev_G_s15p16[0]	25558
CDD_CumMechMtrPos_Rev_G_s15p16[1]	34733
CDD_Die1RxError_Cnt_G_u16[0]	19150
CDD_Die1RxError_Cnt_G_u16[1]	22650
CDD_Die1RxMtrPos_Cnt_G_u16[0]	24900
CDD_Die1RxMtrPos_Cnt_G_u16[1]	52465
CDD_Die1RxRevCtr_Cnt_G_u16[0]	39600
CDD_Die1RxRevCtr_Cnt_G_u16[1]	56835
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3472
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3565
CDD_Die2RxError_Cnt_G_u16[0]	17199
CDD_Die2RxError_Cnt_G_u16[1]	58500
CDD_Die2RxMtrPos_Cnt_G_u16[0]	26565
CDD_Die2RxMtrPos_Cnt_G_u16[1]	30065
CDD_Die2RxRevCtr_Cnt_G_u16[0]	64249
CDD_Die2RxRevCtr_Cnt_G_u16[1]	64419
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	868162816
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1315793920
CDD_MechMtrPos1_Rev_G_u0p16[0]	3931
CDD_MechMtrPos1_Rev_G_u0p16[1]	5897
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3070209280
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3299589120
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	2.40479994
CDD_MtrCurr1_Volts_G_f32[1]	3.0302
CDD_MtrCurr2_Volts_G_f32[0]	1.48099995
CDD_MtrCurr2_Volts_G_f32[1]	2.80150008
CDD_MtrCurrDax_Amp_G_f32[0]	-31.9386997
CDD_MtrCurrDax_Amp_G_f32[1]	106.448997
CDD_MtrCurrK1_Amps_G_f32[0]	-80.9671021
CDD_MtrCurrK1_Amps_G_f32[1]	82.1154022
CDD_MtrCurrK2_Amps_G_f32[0]	-178.744003
CDD_MtrCurrK2_Amps_G_f32[1]	-155.192001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-68.6195984
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	47.3582001
CDD_MtrCurrQax_Amp_G_f32[0]	-140.057999
CDD_MtrCurrQax_Amp_G_f32[1]	45.4345016
CDD_MtrVoltDax_Volt_G_f32[0]	0.382699996
CDD_MtrVoltDax_Volt_G_f32[1]	4.1638999
CDD_MtrVoltQax_Volt_G_f32[0]	1.24010003
CDD_MtrVoltQax_Volt_G_f32[1]	1.56050003
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	35854
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	151732
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	54272
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	128232
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	67225
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	77907
CDD_PhaseAdvFinal_Cnt_G_u16[0]	55628
CDD_PhaseAdvFinal_Cnt_G_u16[1]	55798
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	18557
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	18727
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43253
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	58327
CDD_SysCVSwitchADC_Cnt_G_u16[0]	611
CDD_SysCVSwitchADC_Cnt_G_u16[1]	829
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	9830
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	13762

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.0302	3.0302 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.80150008	2.80150008 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0500000007	0.0500000007 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.529983521	0.529999018 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	22650	22650	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	52465	52465	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	56835	56835	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3565	3565	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	58500	58500	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	30065	30065	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	64419	64419	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	151732	151732	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	128232	128232	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	77907	77907	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-912	-912	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1315793920	1315793920	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.0899810791	0.0899963379 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3299589120	3299589120	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	106.448997	106.448997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	82.1154022	82.1154022 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-155.192001	-155.192001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	47.3582001	47.3582001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	45.4345016	45.4345016 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.1638999	4.1638999 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.56050003	1.56050003 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	18727	18727	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.88999939	0.889998972 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	829	829	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.5 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0900000036
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.129999995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	19660
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26869
CDD_CumMechMtrPos_Rev_G_s15p16[0]	27524
CDD_CumMechMtrPos_Rev_G_s15p16[1]	37355
CDD_Die1RxError_Cnt_G_u16[0]	12150
CDD_Die1RxError_Cnt_G_u16[1]	43651
CDD_Die1RxMtrPos_Cnt_G_u16[0]	17899
CDD_Die1RxMtrPos_Cnt_G_u16[1]	25334
CDD_Die1RxRevCtr_Cnt_G_u16[0]	8364
CDD_Die1RxRevCtr_Cnt_G_u16[1]	36535
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3696
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3795
CDD_Die2RxError_Cnt_G_u16[0]	14134
CDD_Die2RxError_Cnt_G_u16[1]	27434
CDD_Die2RxMtrPos_Cnt_G_u16[0]	19565
CDD_Die2RxMtrPos_Cnt_G_u16[1]	51065
CDD_Die2RxRevCtr_Cnt_G_u16[0]	33184
CDD_Die2RxRevCtr_Cnt_G_u16[1]	43949
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1114916352
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1986559744
CDD_MechMtrPos1_Rev_G_u0p16[0]	7831
CDD_MechMtrPos1_Rev_G_u0p16[1]	11140
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	380900864
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2611449600
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0
CDD_MtrCurr1_Volts_G_f32[1]	0
CDD_MtrCurr2_Volts_G_f32[0]	1.72409999
CDD_MtrCurr2_Volts_G_f32[1]	4.84019995
CDD_MtrCurrDax_Amp_G_f32[0]	59.344101
CDD_MtrCurrDax_Amp_G_f32[1]	109.375
CDD_MtrCurrK1_Amps_G_f32[0]	61.4896011
CDD_MtrCurrK1_Amps_G_f32[1]	150.988007
CDD_MtrCurrK2_Amps_G_f32[0]	-13.8779001
CDD_MtrCurrK2_Amps_G_f32[1]	215.151001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-89.2453995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	162.192993
CDD_MtrCurrQax_Amp_G_f32[0]	-187.162003
CDD_MtrCurrQax_Amp_G_f32[1]	-137.130997
CDD_MtrVoltDax_Volt_G_f32[0]	0.1021
CDD_MtrVoltDax_Volt_G_f32[1]	1.3197
CDD_MtrVoltQax_Volt_G_f32[0]	0.59920001
CDD_MtrVoltQax_Volt_G_f32[1]	3.48320007
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	99943
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	130369
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	65762
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	106351
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	45862
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	141995
CDD_PhaseAdvFinal_Cnt_G_u16[0]	24563
CDD_PhaseAdvFinal_Cnt_G_u16[1]	35328
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	53028
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	63793
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	1966
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	3276
CDD_SysCVSwitchADC_Cnt_G_u16[0]	173
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2142
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	13762
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	19005

CDDInterface9_Per1

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.84019995	4.84019995 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.129999995	0.129999995 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.409988403	0.41000399 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	26869	26869 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.569992065	0.570007026 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	43651	43651	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	25334	25334	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	36535	36535	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3795	3795	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	27434	27434	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	51065	51065	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	43949	43949	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	130369	130369	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	106351	106351	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	141995	141995	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2832	-2832	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1986559744	1986559744	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.16998291	0.169998169 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2611449600	2611449600	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	109.375	109.375 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	150.988007	150.988007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	215.151001	215.151001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	162.192993	162.192993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-137.130997	-137.130997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.3197	1.3197 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.48320007	3.48320007 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	63793	63793	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.049987793	0.0500031002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2142	2142	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	19005	19005 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.119999997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.170000002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	21626
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	29484
CDD_CumMechMtrPos_Rev_G_s15p16[0]	29490
CDD_CumMechMtrPos_Rev_G_s15p16[1]	39976
CDD_Die1RxError_Cnt_G_u16[0]	53451
CDD_Die1RxError_Cnt_G_u16[1]	62816
CDD_Die1RxMtrPos_Cnt_G_u16[0]	20434
CDD_Die1RxMtrPos_Cnt_G_u16[1]	35135
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4864
CDD_Die1RxRevCtr_Cnt_G_u16[1]	34965
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3808
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3910
CDD_Die2RxError_Cnt_G_u16[0]	48000
CDD_Die2RxError_Cnt_G_u16[1]	54035
CDD_Die2RxMtrPos_Cnt_G_u16[0]	22100
CDD_Die2RxMtrPos_Cnt_G_u16[1]	60865
CDD_Die2RxRevCtr_Cnt_G_u16[0]	29684
CDD_Die2RxRevCtr_Cnt_G_u16[1]	59784
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	180023296
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3729846528
CDD_MechMtrPos1_Rev_G_u0p16[0]	9822
CDD_MechMtrPos1_Rev_G_u0p16[1]	13762
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1023164416
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1636925696
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	5
CDD_MtrCurr1_Volts_G_f32[1]	5
CDD_MtrCurr2_Volts_G_f32[0]	2.62140012
CDD_MtrCurr2_Volts_G_f32[1]	3.47880006
CDD_MtrCurrDax_Amp_G_f32[0]	76.4020004
CDD_MtrCurrDax_Amp_G_f32[1]	175.322006
CDD_MtrCurrK1_Amps_G_f32[0]	-151.623993
CDD_MtrCurrK1_Amps_G_f32[1]	-111.014
CDD_MtrCurrK2_Amps_G_f32[0]	52.0686989
CDD_MtrCurrK2_Amps_G_f32[1]	115.088997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-99.8089981
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	138.641006
CDD_MtrCurrQax_Amp_G_f32[0]	-170.104004
CDD_MtrCurrQax_Amp_G_f32[1]	-71.1845016
CDD_MtrVoltDax_Volt_G_f32[0]	3.2026
CDD_MtrVoltDax_Volt_G_f32[1]	3.75510001
CDD_MtrVoltQax_Volt_G_f32[0]	0.83130002
CDD_MtrVoltQax_Volt_G_f32[1]	4.38040018
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	84989
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	129851
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	22228
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	187530
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	53599
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	171903
CDD_PhaseAdvFinal_Cnt_G_u16[0]	21063
CDD_PhaseAdvFinal_Cnt_G_u16[1]	51163
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	14092
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	49528
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	3932
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	5898
CDD_SysCVSwitchADC_Cnt_G_u16[0]	331
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2754
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15728
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	21626

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.62140012	2.62140012 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.119999997	0.119999997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.449981689	0.449997008 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	53451	53451	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	20434	20434	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	4864	4864	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3808	3808	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	48000	48000	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	22100	22100	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	29684	29684	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	84989	84989	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	22228	22228	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	53599	53599	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1974	1974	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	180023296	180023296	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.149871826	0.149887085 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1023164416	1023164416	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	76.4020004	76.4020004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-151.623993	-151.623993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	52.0686989	52.0686989 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-99.8089981	-99.8089981 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-170.104004	-170.104004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.2026	3.2026 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.83130002	0.83130002 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	14092	14092	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0599975586	0.0599975996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	331	331	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	15728	15728 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.7 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.150000006	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.209999993	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	23592	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32112	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	31456	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	42597	
CDD_Die1RxError_Cnt_G_u16[0]	10580	
CDD_Die1RxError_Cnt_G_u16[1]	33416	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	39165	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	57800	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3464	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	47035	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3920	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4025	
CDD_Die2RxError_Cnt_G_u16[0]	46600	
CDD_Die2RxError_Cnt_G_u16[1]	48700	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	35400	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	58235	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	28284	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	54449	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	88271360	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	225899264	
CDD_MechMtrPos1_Rev_G_u0p16[0]	11795	
CDD_MechMtrPos1_Rev_G_u0p16[1]	16384	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2508569088	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4005102336	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	2.95000005	
CDD_MtrCurr1_Volts_G_f32[1]	0.766099989	
CDD_MtrCurr2_Volts_G_f32[0]	0.787100017	
CDD_MtrCurr2_Volts_G_f32[1]	4.69640017	
CDD_MtrCurrDax_Amp_G_f32[0]	-93.9558029	
CDD_MtrCurrDax_Amp_G_f32[1]	-85.677597	
CDD_MtrCurrK1_Amps_G_f32[0]	-161.044998	
CDD_MtrCurrK1_Amps_G_f32[1]	-146.914001	
CDD_MtrCurrK2_Amps_G_f32[0]	-82.7509995	
CDD_MtrCurrK2_Amps_G_f32[1]	204.587006	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-18.5883007	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	129.220001	
CDD_MtrCurrQax_Amp_G_f32[0]	-44.0643997	
CDD_MtrCurrQax_Amp_G_f32[1]	81.3342972	
CDD_MtrVoltDax_Volt_G_f32[0]	3.07439995	
CDD_MtrVoltDax_Volt_G_f32[1]	3.26659989	
CDD_MtrVoltQax_Volt_G_f32[0]	2.04900002	
CDD_MtrVoltQax_Volt_G_f32[1]	4.1395998	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	52136	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	195266	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	17955	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	24364	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	94188	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	110760	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	19663	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	45828	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	8757	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	48128	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	5898	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8519	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1163	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1502	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	17694	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24248	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.95000005	2.95000005 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.787100017	0.787100017 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.150000006	0.150000006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.359985352	0.360000998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	23592	23592 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.479980469	0.479995996 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	10580	10580	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	39165	39165	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	3464	3464	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3920	3920	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	46600	46600	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	35400	35400	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	28284	28284	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	52136	52136	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	17955	17955	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	94188	94188	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1843	1843	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	88271360	88271360	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.179977417	0.179992676 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2508569088	2508569088	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-93.9558029	-93.9558029 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-161.044998	-161.044998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-82.7509995	-82.7509995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-18.5883007	-18.5883007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-44.0643997	-44.0643997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.07439995	3.07439995 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.04900002	2.04900002 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	8757	8757	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0899963379	0.0899963006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1163	1163	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	17694	17694 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.180000007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	25558
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34733
CDD_CumMechMtrPos_Rev_G_s15p16[0]	33422
CDD_CumMechMtrPos_Rev_G_s15p16[1]	45219
CDD_Die1RxError_Cnt_G_u16[0]	13550
CDD_Die1RxError_Cnt_G_u16[1]	39451
CDD_Die1RxMtrPos_Cnt_G_u16[0]	19299
CDD_Die1RxMtrPos_Cnt_G_u16[1]	21134
CDD_Die1RxRevCtr_Cnt_G_u16[0]	51235
CDD_Die1RxRevCtr_Cnt_G_u16[1]	56400
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4032
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4140
CDD_Die2RxError_Cnt_G_u16[0]	34000
CDD_Die2RxError_Cnt_G_u16[1]	52900
CDD_Die2RxMtrPos_Cnt_G_u16[0]	20965
CDD_Die2RxMtrPos_Cnt_G_u16[1]	46865
CDD_Die2RxRevCtr_Cnt_G_u16[0]	15683
CDD_Die2RxRevCtr_Cnt_G_u16[1]	58649
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	501155072
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2416817152
CDD_MechMtrPos1_Rev_G_u0p16[0]	41287
CDD_MechMtrPos1_Rev_G_u0p16[1]	55705
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	105645056
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2703201536
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	1.89209998
CDD_MtrCurr1_Volts_G_f32[1]	4.56829977
CDD_MtrCurr2_Volts_G_f32[0]	0
CDD_MtrCurr2_Volts_G_f32[1]	0
CDD_MtrCurrDax_Amp_G_f32[0]	96.2468033
CDD_MtrCurrDax_Amp_G_f32[1]	108.594002
CDD_MtrCurrK1_Amps_G_f32[0]	-118.651001
CDD_MtrCurrK1_Amps_G_f32[1]	195.167007
CDD_MtrCurrK2_Amps_G_f32[0]	-216.427994
CDD_MtrCurrK2_Amps_G_f32[1]	-42.1407013
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	9.67450047
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	44.4315987
CDD_MtrCurrQax_Amp_G_f32[0]	-177.740997
CDD_MtrCurrQax_Amp_G_f32[1]	-165.393997
CDD_MtrVoltDax_Volt_G_f32[0]	1.92079997
CDD_MtrVoltDax_Volt_G_f32[1]	3.65120006
CDD_MtrVoltQax_Volt_G_f32[0]	0.727400005
CDD_MtrVoltQax_Volt_G_f32[1]	3.09859991
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	87125
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	134641
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	37182
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	179503
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	50135
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	129177
CDD_PhaseAdvFinal_Cnt_G_u16[0]	7063
CDD_PhaseAdvFinal_Cnt_G_u16[1]	50028
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	12957
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	35527
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	7864
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	11141
CDD_SysCVSwitchADC_Cnt_G_u16[0]	261
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1879
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	19660
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26869

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.56829977	4.56829977 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.25	0.25 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.529983521	0.529999018 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	34733	34733 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.689987183	0.690002024 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	39451	39451	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	21134	21134	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	56400	56400	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4140	4140	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	52900	52900	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	46865	46865	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	58649	58649	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	134641	134641	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	179503	179503	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	129177	129177	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1453	-1453	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2416817152	2416817152	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.849990845	0.850006104 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2703201536	2703201536	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	108.594002	108.594002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	195.167007	195.167007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-42.1407013	-42.1407013 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	44.4315987	44.4315987 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-165.393997	-165.393997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.65120006	3.65120006 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.09859991	3.09859991 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	35527	35527	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.169998169	0.169998005 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1879	1879	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	26869	26869 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.9 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.209999993	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.289999992	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	27524	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	37355	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	65175	
CDD_Die1RxError_Cnt_G_u16[0]	9880	
CDD_Die1RxError_Cnt_G_u16[1]	15650	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	33035	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	45465	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	23500	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	56665	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4144	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4255	
CDD_Die2RxError_Cnt_G_u16[0]	25165	
CDD_Die2RxError_Cnt_G_u16[1]	34265	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	23065	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	34700	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	15948	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	48319	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2978457344	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3574844928	
CDD_MechMtrPos1_Rev_G_u0p16[0]	43253	
CDD_MechMtrPos1_Rev_G_u0p16[1]	58326	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2462693120	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2840829440	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	0.186000004	
CDD_MtrCurr1_Volts_G_f32[1]	4.35290003	
CDD_MtrCurr2_Volts_G_f32[0]	5	
CDD_MtrCurr2_Volts_G_f32[1]	5	
CDD_MtrCurrDax_Amp_G_f32[0]	-51.5615997	
CDD_MtrCurrDax_Amp_G_f32[1]	188.671997	
CDD_MtrCurrK1_Amps_G_f32[0]	-188.164993	
CDD_MtrCurrK1_Amps_G_f32[1]	-126.929001	
CDD_MtrCurrK2_Amps_G_f32[0]	-202.296997	
CDD_MtrCurrK2_Amps_G_f32[1]	199.876999	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-176.960007	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	46.2154999	
CDD_MtrCurrQax_Amp_G_f32[0]	-85.3159027	
CDD_MtrCurrQax_Amp_G_f32[1]	-1.67019999	
CDD_MtrVoltDax_Volt_G_f32[0]	1.11189997	
CDD_MtrVoltDax_Volt_G_f32[1]	1.94509995	
CDD_MtrVoltQax_Volt_G_f32[0]	0.919700027	
CDD_MtrVoltQax_Volt_G_f32[1]	1.9849	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	14492	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	123442	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	152541	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	180312	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	56544	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	92052	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	7328	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	22293	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2627	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	35792	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	9830	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	13762	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	392	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1119	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	21626	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	29491	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.186000004	0.186000004 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.209999993	0.209999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.41998291	0.41999799 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	27524	27524 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0	0 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	9880	9880	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	33035	33035	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	23500	23500	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4144	4144	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	25165	25165	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	23065	23065	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	15948	15948	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	14492	14492	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	152541	152541	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	56544	56544	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	687	687	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2978457344	2978457344	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.659988403	0.660003662 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2462693120	2462693120	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-51.5615997	-51.5615997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-188.164993	-188.164993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-202.296997	-202.296997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-176.960007	-176.960007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-85.3159027	-85.3159027 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.11189997	1.11189997 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.919700027	0.919700027 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	2627	2627	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.149993896	0.149994001 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	392	392	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.10 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.239999995	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.330000013	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	29490	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	39976	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	11795	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	16384	
CDD_Die1RxError_Cnt_G_u16[0]	28781	
CDD_Die1RxError_Cnt_G_u16[1]	33151	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	10464	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	38900	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5299	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	63135	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4256	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4370	
CDD_Die2RxError_Cnt_G_u16[0]	6964	
CDD_Die2RxError_Cnt_G_u16[1]	40735	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	40565	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	53600	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	22418	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	30118	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1785682176	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2858203136	
CDD_MechMtrPos1_Rev_G_u0p16[0]	0	
CDD_MechMtrPos1_Rev_G_u0p16[1]	65175	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	547031040	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3987728640	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	3.68659997	
CDD_MtrCurr1_Volts_G_f32[1]	1.18490005	
CDD_MtrCurr2_Volts_G_f32[0]	1.6329	
CDD_MtrCurr2_Volts_G_f32[1]	1.71229994	
CDD_MtrCurrDax_Amp_G_f32[0]	-212.860001	
CDD_MtrCurrDax_Amp_G_f32[1]	36.7946014	
CDD_MtrCurrK1_Amps_G_f32[0]	-200.513	
CDD_MtrCurrK1_Amps_G_f32[1]	13.2423	
CDD_MtrCurrK2_Amps_G_f32[0]	-113.940002	
CDD_MtrCurrK2_Amps_G_f32[1]	-84.5348969	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	89.7524033	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	141.567993	
CDD_MtrCurrQax_Amp_G_f32[0]	-45.8483009	
CDD_MtrCurrQax_Amp_G_f32[1]	203.807007	
CDD_MtrVoltDax_Volt_G_f32[0]	2.53740001	
CDD_MtrVoltDax_Volt_G_f32[1]	1.44560003	
CDD_MtrVoltQax_Volt_G_f32[0]	2.52189994	
CDD_MtrVoltQax_Volt_G_f32[1]	3.71530008	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	107679	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	194457	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	96997	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	146941	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	109951	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	149731	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4093	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	61929	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	42262	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	49962	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	11796	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16384	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1486	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2300	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	23592	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32112	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.18490005	1.18490005 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.71229994	1.71229994 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.330000013	0.330000013 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.609985352	0.610001028 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	39976	39976 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.25	0.25 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	33151	33151	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	38900	38900	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	63135	63135	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4370	4370	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	40735	40735	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	53600	53600	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	30118	30118	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	194457	194457	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	146941	146941	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	149731	149731	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-338	-338	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2858203136	2858203136	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.994491577	0.994506836 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3987728640	3987728640	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	36.7946014	36.7946014 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	13.2423	13.2423 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-84.5348969	-84.5348969 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	141.567993	141.567993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	203.807007	203.807007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.44560003	1.44560003 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.71530008	3.71530008 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	49962	49962	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.25	0.25 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2300	2300	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	32112	32112 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.11 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	31456
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	42597
CDD_CumMechMtrPos_Rev_G_s15p16[0]	41287
CDD_CumMechMtrPos_Rev_G_s15p16[1]	55705
CDD_Die1RxError_Cnt_G_u16[0]	7080
CDD_Die1RxError_Cnt_G_u16[1]	24051
CDD_Die1RxMtrPos_Cnt_G_u16[0]	30235
CDD_Die1RxMtrPos_Cnt_G_u16[1]	53865
CDD_Die1RxRevCtr_Cnt_G_u16[0]	16934
CDD_Die1RxRevCtr_Cnt_G_u16[1]	20699
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4368
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4485
CDD_Die2RxError_Cnt_G_u16[0]	22365
CDD_Die2RxError_Cnt_G_u16[1]	42665
CDD_Die2RxMtrPos_Cnt_G_u16[0]	31465
CDD_Die2RxMtrPos_Cnt_G_u16[1]	31900
CDD_Die2RxRevCtr_Cnt_G_u16[0]	24349
CDD_Die2RxRevCtr_Cnt_G_u16[1]	45519
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2794953472
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4125356544
CDD_MechMtrPos1_Rev_G_u0p16[0]	9829
CDD_MechMtrPos1_Rev_G_u0p16[1]	13762
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2279189248
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3391341056
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.9551
CDD_MtrCurr1_Volts_G_f32[1]	2.09649992
CDD_MtrCurr2_Volts_G_f32[0]	4.37599993
CDD_MtrCurr2_Volts_G_f32[1]	3.9296999
CDD_MtrCurrDax_Amp_G_f32[0]	4.96400023
CDD_MtrCurrDax_Amp_G_f32[1]	169.830002
CDD_MtrCurrK1_Amps_G_f32[0]	-207.007004
CDD_MtrCurrK1_Amps_G_f32[1]	-70.4035034
CDD_MtrCurrK2_Amps_G_f32[0]	-145.770996
CDD_MtrCurrK2_Amps_G_f32[1]	181.035004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-195.802002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	219.862
CDD_MtrCurrQax_Amp_G_f32[0]	-104.157997
CDD_MtrCurrQax_Amp_G_f32[1]	54.8554001
CDD_MtrVoltDax_Volt_G_f32[0]	0.855599999
CDD_MtrVoltDax_Volt_G_f32[1]	2.71409988
CDD_MtrVoltQax_Volt_G_f32[0]	1.68869996
CDD_MtrVoltQax_Volt_G_f32[1]	1.72850001
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	40127
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	114897
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	5946
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	143995
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	82179
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	83506
CDD_PhaseAdvFinal_Cnt_G_u16[0]	15728
CDD_PhaseAdvFinal_Cnt_G_u16[1]	19493
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	44193
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	65363
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	13762
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	19005
CDD_SysCVSwitchADC_Cnt_G_u16[0]	917
CDD_SysCVSwitchADC_Cnt_G_u16[1]	944
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	25559
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34734

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.09649992	2.09649992 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.9296999	3.9296999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.649978638	0.649994016 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	42597	42597 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.849990845	0.850005984 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	24051	24051	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	53865	53865	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	20699	20699	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4485	4485	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	42665	42665	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	31900	31900	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	45519	45519	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	114897	114897	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	143995	143995	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	83506	83506	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1827	1827	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4125356544	4125356544	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.209991455	0.210006714 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3391341056	3391341056	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	169.830002	169.830002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-70.4035034	-70.4035034 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	181.035004	181.035004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	219.862	219.862 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	54.8554001	54.8554001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.71409988	2.71409988 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.72850001	1.72850001 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	65363	65363	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.289993286	0.289992988 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	944	944	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	34734	34734 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.12 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.99998498	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.99998498	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	33422	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	45219	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	43253	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	58326	
CDD_Die1RxError_Cnt_G_u16[0]	56081	
CDD_Die1RxError_Cnt_G_u16[1]	56251	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	13699	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	37935	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	7664	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	45635	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4480	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4600	
CDD_Die2RxError_Cnt_G_u16[0]	47300	
CDD_Die2RxError_Cnt_G_u16[1]	50800	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	15364	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	15534	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	32484	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	53049	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	134147328	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	363527168	
CDD_MechMtrPos1_Rev_G_u0p16[0]	11795	
CDD_MechMtrPos1_Rev_G_u0p16[1]	16384	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1206668288	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2336193792	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	1.37940001	
CDD_MtrCurr1_Volts_G_f32[1]	1.69990003	
CDD_MtrCurr2_Volts_G_f32[0]	2.87770009	
CDD_MtrCurr2_Volts_G_f32[1]	4.45559978	
CDD_MtrCurrDax_Amp_G_f32[0]	-219.354996	
CDD_MtrCurrDax_Amp_G_f32[1]	58.5629997	
CDD_MtrCurrK1_Amps_G_f32[0]	-156.335007	
CDD_MtrCurrK1_Amps_G_f32[1]	-132.781998	
CDD_MtrCurrK2_Amps_G_f32[0]	69.7678986	
CDD_MtrCurrK2_Amps_G_f32[1]	70.9104996	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-28.0093002	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	157.483002	
CDD_MtrCurrQax_Amp_G_f32[0]	-215.425003	
CDD_MtrCurrQax_Amp_G_f32[1]	-52.342701	
CDD_MtrVoltDax_Volt_G_f32[0]	3.13849998	
CDD_MtrVoltDax_Volt_G_f32[1]	3.45889997	
CDD_MtrVoltQax_Volt_G_f32[0]	0.214699998	
CDD_MtrVoltQax_Volt_G_f32[1]	0.230199993	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	117551	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	138396	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	20091	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	30773	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	33045	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	180448	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	23863	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	44428	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	7357	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	52328	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15728	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	21626	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2929	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4007	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	27525	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	37355	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.69990003	1.69990003 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.45559978	4.45559978 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.99998498	0.99998498 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.689987183	0.690002024 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	45219	45219 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.889984131	0.889998972 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	56251	56251	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	37935	37935	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	45635	45635	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4600	4600	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	50800	50800	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	15534	15534	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	53049	53049	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	138396	138396	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	30773	30773	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	180448	180448	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1978	-1978	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	363527168	363527168	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.25	0.25 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2336193792	2336193792	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	58.5629997	58.5629997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-132.781998	-132.781998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	70.9104996	70.9104996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	157.483002	157.483002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-52.342701	-52.342701 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.45889997	3.45889997 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.230199993	0.230199993 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	52328	52328	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	4007	4007	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.13 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.330000013
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.449999988
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65175
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	54999
CDD_Die1RxError_Cnt_G_u16[0]	25016
CDD_Die1RxError_Cnt_G_u16[1]	35781
CDD_Die1RxMtrPos_Cnt_G_u16[0]	17465
CDD_Die1RxMtrPos_Cnt_G_u16[1]	30765
CDD_Die1RxRevCtr_Cnt_G_u16[0]	28665
CDD_Die1RxRevCtr_Cnt_G_u16[1]	38635
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4592
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4715
CDD_Die2RxError_Cnt_G_u16[0]	6264
CDD_Die2RxError_Cnt_G_u16[1]	40300
CDD_Die2RxMtrPos_Cnt_G_u16[0]	49835
CDD_Die2RxMtrPos_Cnt_G_u16[1]	60600
CDD_Die2RxRevCtr_Cnt_G_u16[0]	46049
CDD_Die2RxRevCtr_Cnt_G_u16[1]	53484
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1739806208
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3970354944
CDD_MechMtrPos1_Rev_G_u0p16[0]	13762
CDD_MechMtrPos1_Rev_G_u0p16[1]	19004
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1005790720
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3454590720
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0.738499999
CDD_MtrCurr1_Volts_G_f32[1]	3.62249994
CDD_MtrCurr2_Volts_G_f32[0]	0.0179999992
CDD_MtrCurr2_Volts_G_f32[1]	2.59710002
CDD_MtrCurrDax_Amp_G_f32[0]	-150.481003
CDD_MtrCurrDax_Amp_G_f32[1]	201.020004
CDD_MtrCurrK1_Amps_G_f32[0]	-203.438995
CDD_MtrCurrK1_Amps_G_f32[1]	8.53180027
CDD_MtrCurrK2_Amps_G_f32[0]	-139.276993
CDD_MtrCurrK2_Amps_G_f32[1]	-66.835701
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-142.203003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-75.1139984
CDD_MtrCurrQax_Amp_G_f32[0]	-190.089005
CDD_MtrCurrQax_Amp_G_f32[1]	-100.589996
CDD_MtrVoltDax_Volt_G_f32[0]	2.49760008
CDD_MtrVoltDax_Volt_G_f32[1]	1.38150001
CDD_MtrVoltQax_Volt_G_f32[0]	3.37050009
CDD_MtrVoltQax_Volt_G_f32[1]	4.35610008
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	129042
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	169631
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	94861
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	198730
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	85125
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	171094
CDD_PhaseAdvFinal_Cnt_G_u16[0]	37428
CDD_PhaseAdvFinal_Cnt_G_u16[1]	44863
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	357
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	7792
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	17694
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24248
CDD_SysCVSwitchADC_Cnt_G_u16[0]	977
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2738
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	29491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	39976

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.738499999	0.738499999 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.0179999992	0.0179999992 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.330000013	0.330000013 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0	0 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	25016	25016	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	17465	17465	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	28665	28665	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4592	4592	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	6264	6264	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	49835	49835	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	46049	46049	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	129042	129042	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	94861	94861	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	85125	85125	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2635	-2635	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1739806208	1739806208	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.209991455	0.210006714 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1005790720	1005790720	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-150.481003	-150.481003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-203.438995	-203.438995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-139.276993	-139.276993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-142.203003	-142.203003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-190.089005	-190.089005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.49760008	2.49760008 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.37050009	3.37050009 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	357	357	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.269989014	0.270004004 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	977	977	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	29491	29491 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.14 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.360000014	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.49000001	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	0	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	0	
CDD_Die1RxError_Cnt_G_u16[0]	21516	
CDD_Die1RxError_Cnt_G_u16[1]	51616	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3199	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	57365	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	23765	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	38465	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4704	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4830	
CDD_Die2RxError_Cnt_G_u16[0]	16065	
CDD_Die2RxError_Cnt_G_u16[1]	42835	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	14983	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	50419	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	48584	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	63284	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2382069760	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2995831040	
CDD_MechMtrPos1_Rev_G_u0p16[0]	15728	
CDD_MechMtrPos1_Rev_G_u0p16[1]	21626	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	902910208	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3225210880	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	4.51970005	
CDD_MtrCurr1_Volts_G_f32[1]	0.377099991	
CDD_MtrCurr2_Volts_G_f32[0]	2.4533999	
CDD_MtrCurr2_Volts_G_f32[1]	1.69760001	
CDD_MtrCurrDax_Amp_G_f32[0]	-12.0939999	
CDD_MtrCurrDax_Amp_G_f32[1]	28.5163002	
CDD_MtrCurrK1_Amps_G_f32[0]	-186.380997	
CDD_MtrCurrK1_Amps_G_f32[1]	74.478302	
CDD_MtrCurrK2_Amps_G_f32[0]	-162.828995	
CDD_MtrCurrK2_Amps_G_f32[1]	39.721199	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-175.175995	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-76.2565994	
CDD_MtrCurrQax_Amp_G_f32[0]	78.4076996	
CDD_MtrCurrQax_Amp_G_f32[1]	154.917999	
CDD_MtrVoltDax_Volt_G_f32[0]	0.278800011	
CDD_MtrVoltDax_Volt_G_f32[1]	2.72970009	
CDD_MtrVoltQax_Volt_G_f32[0]	3.05010009	
CDD_MtrVoltQax_Volt_G_f32[1]	1.80589998	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	50808	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	85507	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	124769	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	153350	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	19418	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	74443	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	39963	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	54663	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2892	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	17592	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	19660	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26869	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	758	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3727	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	31457	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	42598	

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.51970005	4.51970005 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.4533999	2.4533999 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.360000014	0.360000014 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0	0 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	21516	21516	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	3199	3199	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	23765	23765	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4704	4704	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	16065	16065	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	14983	14983	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	48584	48584	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	50808	50808	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	124769	124769	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	19418	19418	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2397	-2397	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2382069760	2382069760	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.239990234	0.240005493 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	902910208	902910208	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-12.0939999	-12.0939999 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-186.380997	-186.380997 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-162.828995	-162.828995 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-175.175995	-175.175995 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	78.4076996	78.4076996 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.278800011	0.278800011 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.05010009	3.05010009 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	2892	2892	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.299987793	0.300002992 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	758	758	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	31457	31457 ± 0.000030517578125	✓

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.15 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.389999986	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.529999971	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65534	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65534	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	65534	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	65534	
CDD_Die1RxError_Cnt_G_u16[0]	20116	
CDD_Die1RxError_Cnt_G_u16[1]	46281	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	1799	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3899	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	12999	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	59900	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	20000	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	20023	
CDD_Die2RxError_Cnt_G_u16[0]	56135	
CDD_Die2RxError_Cnt_G_u16[1]	61565	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	9648	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	49019	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	19183	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	37819	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1069040384	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3867474432	
CDD_MechMtrPos1_Rev_G_u0p16[0]	17694	
CDD_MechMtrPos1_Rev_G_u0p16[1]	24241	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1693930240	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3133458944	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	0.594799995	
CDD_MtrCurr1_Volts_G_f32[1]	2.68540001	
CDD_MtrCurr2_Volts_G_f32[0]	3.55839992	
CDD_MtrCurr2_Volts_G_f32[1]	2.56940007	
CDD_MtrCurrDax_Amp_G_f32[0]	-21.5149002	
CDD_MtrCurrDax_Amp_G_f32[1]	-7.3835001	
CDD_MtrCurrK1_Amps_G_f32[0]	-96.8824005	
CDD_MtrCurrK1_Amps_G_f32[1]	56.7790985	
CDD_MtrCurrK2_Amps_G_f32[0]	-172.25	
CDD_MtrCurrK2_Amps_G_f32[1]	3.82130003	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	67.9840012	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	193.382996	
CDD_MtrCurrQax_Amp_G_f32[0]	145.496994	
CDD_MtrCurrQax_Amp_G_f32[1]	159.628006	
CDD_MtrVoltDax_Volt_G_f32[0]	3.94729996	
CDD_MtrVoltDax_Volt_G_f32[1]	4.44449997	
CDD_MtrVoltQax_Volt_G_f32[0]	2.92190003	
CDD_MtrVoltQax_Volt_G_f32[1]	2.31750011	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	81234	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	87643	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	63626	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	193939	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3137	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	70171	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	10563	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	11793	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	39027	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	57663	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	21626	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	29491	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	671	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3394	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	33423	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	45219	

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.68540001	2.68540001 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.56940007	2.56940007 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.529999971	0.529999971 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.999969482	0.99998498 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	65534	65534 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.999969482	0.99998498 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	46281	46281	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	3899	3899	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	59900	59900	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	20023	20023	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	61565	61565	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	49019	49019	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	37819	37819	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	87643	87643	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	193939	193939	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	70171	70171	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1105	1105	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3867474432	3867474432	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.369888306	0.369903564 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3133458944	3133458944	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-7.3835001	-7.3835001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	56.7790985	56.7790985 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	3.82130003	3.82130003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	193.382996	193.382996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	159.628006	159.628006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.44449997	4.44449997 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.31750011	2.31750011 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	57663	57663	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.449996948	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3394	3394	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	45219	45219 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.419999987
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.569999993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	5897
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8519
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	35812
CDD_Die1RxError_Cnt_G_u16[0]	7515
CDD_Die1RxError_Cnt_G_u16[1]	50481
CDD_Die1RxMtrPos_Cnt_G_u16[0]	8099
CDD_Die1RxMtrPos_Cnt_G_u16[1]	54735
CDD_Die1RxRevCtr_Cnt_G_u16[0]	24465
CDD_Die1RxRevCtr_Cnt_G_u16[1]	40035
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	21023
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	21034
CDD_Die2RxError_Cnt_G_u16[0]	2064
CDD_Die2RxError_Cnt_G_u16[1]	41700
CDD_Die2RxMtrPos_Cnt_G_u16[0]	13848
CDD_Die2RxMtrPos_Cnt_G_u16[1]	36419
CDD_Die2RxRevCtr_Cnt_G_u16[0]	47449
CDD_Die2RxRevCtr_Cnt_G_u16[1]	49284
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1464550400
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4062106880
CDD_MechMtrPos1_Rev_G_u0p16[0]	19660
CDD_MechMtrPos1_Rev_G_u0p16[1]	26869
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1969186048
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2307691520
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.866699994
CDD_MtrCurr1_Volts_G_f32[1]	3.23799992
CDD_MtrCurr2_Volts_G_f32[0]	3.94289994
CDD_MtrCurr2_Volts_G_f32[1]	4.41580009
CDD_MtrCurrDax_Amp_G_f32[0]	-106.303001
CDD_MtrCurrDax_Amp_G_f32[1]	20.8792992
CDD_MtrCurrK1_Amps_G_f32[0]	-194.018005
CDD_MtrCurrK1_Amps_G_f32[1]	-19.7310009
CDD_MtrCurrK2_Amps_G_f32[0]	32.0840988
CDD_MtrCurrK2_Amps_G_f32[1]	183.962006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-170.466003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-65.6930008
CDD_MtrCurrQax_Amp_G_f32[0]	60.7084999
CDD_MtrCurrQax_Amp_G_f32[1]	187.891006
CDD_MtrVoltDax_Volt_G_f32[0]	2.62579989
CDD_MtrVoltDax_Volt_G_f32[1]	4.99700022
CDD_MtrVoltQax_Volt_G_f32[0]	1.76830006
CDD_MtrVoltQax_Volt_G_f32[1]	2.7019999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	100461
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	189666
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3001
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	82043
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	15955
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	31718
CDD_PhaseAdvFinal_Cnt_G_u16[0]	38828
CDD_PhaseAdvFinal_Cnt_G_u16[1]	40663
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	1757
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	23592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32112
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3657
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3979
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	35389
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	47841

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.23799992	3.23799992 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.41580009	4.41580009 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.569999993	0.569999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.129989624	0.130005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	8519	8519 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.546447754	0.546463013 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	50481	50481	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	54735	54735	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	40035	40035	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	21034	21034	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	41700	41700	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	36419	36419	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	49284	49284	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	189666	189666	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	82043	82043	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	31718	31718	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2331	-2331	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4062106880	4062106880	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.409988403	0.410003662 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2307691520	2307691520	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	20.8792992	20.8792992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-19.7310009	-19.7310009 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	183.962006	183.962006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-65.6930008	-65.6930008 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	187.891006	187.891006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.99700022	4.99700022 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.7019999	2.7019999 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	3592	3592	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.489990234	0.490004987 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3979	3979	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	47841	47841 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.17 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.449999988
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.610000014
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	7863
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	11140
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	0
CDD_Die1RxError_Cnt_G_u16[0]	7780
CDD_Die1RxError_Cnt_G_u16[1]	40151
CDD_Die1RxMtrPos_Cnt_G_u16[0]	45900
CDD_Die1RxMtrPos_Cnt_G_u16[1]	55000
CDD_Die1RxRevCtr_Cnt_G_u16[0]	664
CDD_Die1RxRevCtr_Cnt_G_u16[1]	36365
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	22046
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	22045
CDD_Die2RxError_Cnt_G_u16[0]	43800
CDD_Die2RxError_Cnt_G_u16[1]	55435
CDD_Die2RxMtrPos_Cnt_G_u16[0]	36684
CDD_Die2RxMtrPos_Cnt_G_u16[1]	51649
CDD_Die2RxRevCtr_Cnt_G_u16[0]	25483
CDD_Die2RxRevCtr_Cnt_G_u16[1]	61184
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3821598464
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4199734784
CDD_MechMtrPos1_Rev_G_u0p16[0]	31435
CDD_MechMtrPos1_Rev_G_u0p16[1]	42532
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	151521024
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2325065216
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0.530700028
CDD_MtrCurr1_Volts_G_f32[1]	1.05900002
CDD_MtrCurr2_Volts_G_f32[0]	1.40369999
CDD_MtrCurr2_Volts_G_f32[1]	4.44010019
CDD_MtrCurrDax_Amp_G_f32[0]	-165.755005
CDD_MtrCurrDax_Amp_G_f32[1]	-104.518997
CDD_MtrCurrK1_Amps_G_f32[0]	-179.886993
CDD_MtrCurrK1_Amps_G_f32[1]	-101.593002
CDD_MtrCurrK2_Amps_G_f32[0]	-37.4301987
CDD_MtrCurrK2_Amps_G_f32[1]	185.746002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-90.3880005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	110.377998
CDD_MtrCurrQax_Amp_G_f32[0]	1.25639999
CDD_MtrCurrQax_Amp_G_f32[1]	62.4924011
CDD_MtrVoltDax_Volt_G_f32[0]	2.81800008
CDD_MtrVoltDax_Volt_G_f32[1]	3.88330007
CDD_MtrVoltQax_Volt_G_f32[0]	1.79260004
CDD_MtrVoltQax_Volt_G_f32[1]	3.16269994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	15819
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	43590
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	9410
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	191803
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	85643
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	131314
CDD_PhaseAdvFinal_Cnt_G_u16[0]	16863
CDD_PhaseAdvFinal_Cnt_G_u16[1]	52563
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	15492
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	45327
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	25559
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34734
CDD_SysCVSwitchADC_Cnt_G_u16[0]	988
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1923
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	37355
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	50462

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.530700028	0.530700028 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.40369999	1.40369999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.449999988	0.449999988 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.119979858	0.119994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	7863	7863 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0	0 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	7780	7780	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	45900	45900	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	664	664	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	22046	22046	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	43800	43800	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	36684	36684	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	25483	25483	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	15819	15819	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	9410	9410	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	85643	85643	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1580	1580	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3821598464	3821598464	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.479660034	0.479660034 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	151521024	151521024	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-165.755005	-165.755005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-179.886993	-179.886993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-37.4301987	-37.4301987 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-90.3880005	-90.3880005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	1.25639999	1.25639999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.81800008	2.81800008 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.79260004	1.79260004 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	15492	15492	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.38999939	0.389999002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	988	988	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.18 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.479999989
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.649999976
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	9829
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	13762
CDD_CumMechMtrPos_Rev_G_s15p16[0]	65534
CDD_CumMechMtrPos_Rev_G_s15p16[1]	65534
CDD_Die1RxError_Cnt_G_u16[0]	14250
CDD_Die1RxError_Cnt_G_u16[1]	21950
CDD_Die1RxMtrPos_Cnt_G_u16[0]	27700
CDD_Die1RxMtrPos_Cnt_G_u16[1]	44065
CDD_Die1RxRevCtr_Cnt_G_u16[0]	31200
CDD_Die1RxRevCtr_Cnt_G_u16[1]	59635
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	23069
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	23056
CDD_Die2RxError_Cnt_G_u16[0]	8799
CDD_Die2RxError_Cnt_G_u16[1]	61300
CDD_Die2RxMtrPos_Cnt_G_u16[0]	25749
CDD_Die2RxMtrPos_Cnt_G_u16[1]	33449
CDD_Die2RxRevCtr_Cnt_G_u16[0]	18918
CDD_Die2RxRevCtr_Cnt_G_u16[1]	56019
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	765282304
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1051666688
CDD_MechMtrPos1_Rev_G_u0p16[0]	9829
CDD_MechMtrPos1_Rev_G_u0p16[1]	13762
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2749077504
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3253713152
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	2.26110005
CDD_MtrCurr1_Volts_G_f32[1]	2.66120005
CDD_MtrCurr2_Volts_G_f32[0]	0.0324000008
CDD_MtrCurr2_Volts_G_f32[1]	2.73740005
CDD_MtrCurrDax_Amp_G_f32[0]	-60.9826012
CDD_MtrCurrDax_Amp_G_f32[1]	152.772003
CDD_MtrCurrK1_Amps_G_f32[0]	-62.1251984
CDD_MtrCurrK1_Amps_G_f32[1]	25.5897999
CDD_MtrCurrK2_Amps_G_f32[0]	-211.716995
CDD_MtrCurrK2_Amps_G_f32[1]	-159.901993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-125.144997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	66.2001038
CDD_MtrCurrQax_Amp_G_f32[0]	-121.216003
CDD_MtrCurrQax_Amp_G_f32[1]	-11.0910997
CDD_MtrVoltDax_Volt_G_f32[0]	4.42019987
CDD_MtrVoltDax_Volt_G_f32[1]	1.61360002
CDD_MtrVoltQax_Volt_G_f32[0]	0.791499972
CDD_MtrVoltQax_Volt_G_f32[1]	1.4964
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	10219
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	160277
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	62817
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	102597
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	52271
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	75770
CDD_PhaseAdvFinal_Cnt_G_u16[0]	29993
CDD_PhaseAdvFinal_Cnt_G_u16[1]	58429
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	10327
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	38762
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	27525
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	37355
CDD_SysCVSwitchADC_Cnt_G_u16[0]	304
CDD_SysCVSwitchADC_Cnt_G_u16[1]	786
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	41287
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	55705

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.66120005	2.66120005 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.73740005	2.73740005 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.649999976	0.649999976 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.209991455	0.210006997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.999969482	0.99998498 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	21950	21950	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	44065	44065	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	59635	59635	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	23056	23056	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	61300	61300	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	33449	33449	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	56019	56019	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	160277	160277	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	102597	102597	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	75770	75770	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-666	-666	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1051666688	1051666688	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.209991455	0.210006714 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3253713152	3253713152	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	152.772003	152.772003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	25.5897999	25.5897999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-159.901993	-159.901993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	66.2001038	66.2001038 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-11.0910997	-11.0910997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.61360002	1.61360002 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.4964	1.4964 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	38762	38762	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.569992065	0.570007026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	786	786	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	55705	55705 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.19 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.50999999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.689999998
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	11795
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16384
CDD_CumMechMtrPos_Rev_G_s15p16[0]	9829
CDD_CumMechMtrPos_Rev_G_s15p16[1]	13762
CDD_Die1RxError_Cnt_G_u16[0]	16181
CDD_Die1RxError_Cnt_G_u16[1]	37351
CDD_Die1RxMtrPos_Cnt_G_u16[0]	43100
CDD_Die1RxMtrPos_Cnt_G_u16[1]	63400
CDD_Die1RxRevCtr_Cnt_G_u16[0]	9064
CDD_Die1RxRevCtr_Cnt_G_u16[1]	33565
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	24092
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	24067
CDD_Die2RxError_Cnt_G_u16[0]	52200
CDD_Die2RxError_Cnt_G_u16[1]	52635
CDD_Die2RxMtrPos_Cnt_G_u16[0]	45084
CDD_Die2RxMtrPos_Cnt_G_u16[1]	48849
CDD_Die2RxRevCtr_Cnt_G_u16[0]	33884
CDD_Die2RxRevCtr_Cnt_G_u16[1]	58384
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	455279104
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3638094592
CDD_MechMtrPos1_Rev_G_u0p16[0]	11795
CDD_MechMtrPos1_Rev_G_u0p16[1]	16384
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4016230912
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4262984448
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0.274399996
CDD_MtrCurr1_Volts_G_f32[1]	1.82799995
CDD_MtrCurr2_Volts_G_f32[0]	0.802600026
CDD_MtrCurr2_Volts_G_f32[1]	1.1473
CDD_MtrCurrDax_Amp_G_f32[0]	-184.597
CDD_MtrCurrDax_Amp_G_f32[1]	-47.9938011
CDD_MtrCurrK1_Amps_G_f32[0]	-123.361
CDD_MtrCurrK1_Amps_G_f32[1]	-120.434998
CDD_MtrCurrK2_Amps_G_f32[0]	-198.729004
CDD_MtrCurrK2_Amps_G_f32[1]	-56.2720985
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-109.230003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	166.904007
CDD_MtrCurrQax_Amp_G_f32[0]	-17.5855007
CDD_MtrCurrQax_Amp_G_f32[1]	119.017998
CDD_MtrVoltDax_Volt_G_f32[0]	3.58710003
CDD_MtrVoltDax_Volt_G_f32[1]	3.62689996
CDD_MtrVoltQax_Volt_G_f32[0]	2.56170011
CDD_MtrVoltQax_Volt_G_f32[1]	2.90639997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	7274
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	69226
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	35045
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	183257
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	111278
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	122768
CDD_PhaseAdvFinal_Cnt_G_u16[0]	25263
CDD_PhaseAdvFinal_Cnt_G_u16[1]	49763
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	12692
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	53728
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	29491
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	39976
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1513
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1748
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43253
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	58327

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.82799995	1.82799995 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.1473	1.1473 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.689999998	0.689999998 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.25	0.25 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	16384	16384 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.209991455	0.210006997 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	37351	37351	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	63400	63400	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	33565	33565	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	24067	24067	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	52635	52635	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	48849	48849	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	58384	58384	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	69226	69226	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	183257	183257	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	122768	122768	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1478	-1478	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3638094592	3638094592	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.25	0.25 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	4262984448	4262984448	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-47.9938011	-47.9938011 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-120.434998	-120.434998 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-56.2720985	-56.2720985 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	166.904007	166.904007 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	119.017998	119.017998 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.62689996	3.62689996 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.90639997	2.90639997 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	53728	53728	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.609985352	0.610001028 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1748	1748	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	58327	58327 ± 0.000030517578125	✓

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	41287
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	55705
CDD_CumMechMtrPos_Rev_G_s15p16[0]	11795
CDD_CumMechMtrPos_Rev_G_s15p16[1]	16384
CDD_Die1RxError_Cnt_G_u16[0]	0
CDD_Die1RxError_Cnt_G_u16[1]	0
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2499
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5999
CDD_Die1RxRevCtr_Cnt_G_u16[0]	34435
CDD_Die1RxRevCtr_Cnt_G_u16[1]	41265
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	25115
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	25078
CDD_Die2RxError_Cnt_G_u16[0]	18865
CDD_Die2RxError_Cnt_G_u16[1]	36100
CDD_Die2RxMtrPos_Cnt_G_u16[0]	8248
CDD_Die2RxMtrPos_Cnt_G_u16[1]	53219
CDD_Die2RxRevCtr_Cnt_G_u16[0]	548
CDD_Die2RxRevCtr_Cnt_G_u16[1]	41849
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2554445056
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2565573632
CDD_MechMtrPos1_Rev_G_u0p16[0]	13762
CDD_MechMtrPos1_Rev_G_u0p16[1]	19004
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1602178304
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3408714752
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	4.76049995
CDD_MtrCurr1_Volts_G_f32[1]	4.77610016
CDD_MtrCurr2_Volts_G_f32[0]	3.4302001
CDD_MtrCurr2_Volts_G_f32[1]	1.95389998
CDD_MtrCurrDax_Amp_G_f32[0]	-16.8043995
CDD_MtrCurrDax_Amp_G_f32[1]	6.74790001
CDD_MtrCurrK1_Amps_G_f32[0]	209.298004
CDD_MtrCurrK1_Amps_G_f32[1]	210.440994
CDD_MtrCurrK2_Amps_G_f32[0]	-143.987
CDD_MtrCurrK2_Amps_G_f32[1]	-5.59959984
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-103.376999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-57.4146996
CDD_MtrCurrQax_Amp_G_f32[0]	150.207001
CDD_MtrCurrQax_Amp_G_f32[1]	173.759995
CDD_MtrVoltDax_Volt_G_f32[0]	0.535099983
CDD_MtrVoltDax_Volt_G_f32[1]	2.11310005
CDD_MtrVoltQax_Volt_G_f32[0]	3.30649996
CDD_MtrVoltQax_Volt_G_f32[1]	2.18930006
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	83371
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	94052
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	133314
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	185912
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	82988
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	198865
CDD_PhaseAdvFinal_Cnt_G_u16[0]	33228
CDD_PhaseAdvFinal_Cnt_G_u16[1]	57463
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	20392
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	61693
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	31457
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	42598
CDD_SysCVSwitchADC_Cnt_G_u16[0]	933
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3307
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	655

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.76049995	4.76049995 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.4302001	3.4302001 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.629989624	0.630005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	41287	41287 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.179977417	0.179977 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	2499	2499	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	34435	34435	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	25115	25115	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	18865	18865	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	8248	8248	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	548	548	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	83371	83371	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	133314	133314	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	82988	82988	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-3028	-3028	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2554445056	2554445056	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.209991455	0.210006714 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1602178304	1602178304	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-16.8043995	-16.8043995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	209.298004	209.298004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-143.987	-143.987 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-103.376999	-103.376999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	150.207001	150.207001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.535099983	0.535099983 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.30649996	3.30649996 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	20392	20392	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.479995728	0.479995996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	933	933	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	0	0 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.21 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.99998498
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.99998498
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43253
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	58326
CDD_CumMechMtrPos_Rev_G_s15p16[0]	41287
CDD_CumMechMtrPos_Rev_G_s15p16[1]	55705
CDD_Die1RxError_Cnt_G_u16[0]	65535
CDD_Die1RxError_Cnt_G_u16[1]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	27000
CDD_Die1RxMtrPos_Cnt_G_u16[1]	61035
CDD_Die1RxRevCtr_Cnt_G_u16[0]	38200
CDD_Die1RxRevCtr_Cnt_G_u16[1]	51500
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	26138
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	26089
CDD_Die2RxError_Cnt_G_u16[0]	15799
CDD_Die2RxError_Cnt_G_u16[1]	53165
CDD_Die2RxMtrPos_Cnt_G_u16[0]	1248
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8683
CDD_Die2RxRevCtr_Cnt_G_u16[0]	10783
CDD_Die2RxRevCtr_Cnt_G_u16[1]	63019
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	518528768
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1224041984
CDD_MechMtrPos1_Rev_G_u0p16[0]	15728
CDD_MechMtrPos1_Rev_G_u0p16[1]	21626
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	490026496
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1143418624
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.91639996
CDD_MtrCurr1_Volts_G_f32[1]	2.90199995
CDD_MtrCurr2_Volts_G_f32[0]	1.87660003
CDD_MtrCurr2_Volts_G_f32[1]	2.7894001
CDD_MtrCurrDax_Amp_G_f32[0]	-63.9090996
CDD_MtrCurrDax_Amp_G_f32[1]	148.061996
CDD_MtrCurrK1_Amps_G_f32[0]	0.253500015
CDD_MtrCurrK1_Amps_G_f32[1]	72.694397
CDD_MtrCurrK2_Amps_G_f32[0]	-52.7042999
CDD_MtrCurrK2_Amps_G_f32[1]	-2.6730001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-78.0404968
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	11.4583998
CDD_MtrCurrQax_Amp_G_f32[0]	-125.926003
CDD_MtrCurrQax_Amp_G_f32[1]	103.102997
CDD_MtrVoltDax_Volt_G_f32[0]	0.254500002
CDD_MtrVoltDax_Volt_G_f32[1]	3.67540002
CDD_MtrVoltQax_Volt_G_f32[0]	4.54839993
CDD_MtrVoltQax_Volt_G_f32[1]	2.22909999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	62008
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	158140
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	37991
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	123960
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	192
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	177503
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2162
CDD_PhaseAdvFinal_Cnt_G_u16[1]	54398
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	17327
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	30627
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	33423
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	45219
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2869
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3334
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	1966
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	3276

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.90199995	2.90199995 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.7894001	2.7894001 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.99998498	0.99998498 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.889984131	0.889998972 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	58326	58326 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.849990845	0.850005984 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	61035	61035	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	51500	51500	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	26089	26089	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	53165	53165	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	8683	8683	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	63019	63019	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	158140	158140	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	123960	123960	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	177503	177503	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1044	-1044	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1224041984	1224041984	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.329986572	0.330001831 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1143418624	1143418624	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	148.061996	148.061996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	72.694397	72.694397 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-2.6730001	-2.6730001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	11.4583998	11.4583998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	103.102997	103.102997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.67540002	3.67540002 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.22909999	2.22909999 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	30627	30627	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.689987183	0.690002024 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3334	3334	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	3276	3276 ± 0.000030517578125	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.22 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.600000024
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.810000002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65175
CDD_CumMechMtrPos_Rev_G_s15p16[0]	43253
CDD_CumMechMtrPos_Rev_G_s15p16[1]	58326
CDD_Die1RxError_Cnt_G_u16[0]	28690
CDD_Die1RxError_Cnt_G_u16[1]	64379
CDD_Die1RxMtrPos_Cnt_G_u16[0]	36800
CDD_Die1RxMtrPos_Cnt_G_u16[1]	46165
CDD_Die1RxRevCtr_Cnt_G_u16[0]	12564
CDD_Die1RxRevCtr_Cnt_G_u16[1]	23934
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	27161
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	27100
CDD_Die2RxError_Cnt_G_u16[0]	31635
CDD_Die2RxError_Cnt_G_u16[1]	49665
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3783
CDD_Die2RxMtrPos_Cnt_G_u16[1]	18483
CDD_Die2RxRevCtr_Cnt_G_u16[0]	31349
CDD_Die2RxRevCtr_Cnt_G_u16[1]	37384
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	289148928
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2261815552
CDD_MechMtrPos1_Rev_G_u0p16[0]	17694
CDD_MechMtrPos1_Rev_G_u0p16[1]	24247
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	168894720
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1132290048
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.59599996
CDD_MtrCurr1_Volts_G_f32[1]	4.35169983
CDD_MtrCurr2_Volts_G_f32[0]	1.42799997
CDD_MtrCurr2_Volts_G_f32[1]	2.7737999
CDD_MtrCurrDax_Amp_G_f32[0]	-46.8512001
CDD_MtrCurrDax_Amp_G_f32[1]	214.007996
CDD_MtrCurrK1_Amps_G_f32[0]	-23.2987995
CDD_MtrCurrK1_Amps_G_f32[1]	179.251007
CDD_MtrCurrK2_Amps_G_f32[0]	-35.6463013
CDD_MtrCurrK2_Amps_G_f32[1]	63.2734985
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-174.033997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	190.455994
CDD_MtrCurrQax_Amp_G_f32[0]	-59.9796982
CDD_MtrCurrQax_Amp_G_f32[1]	3.04029989
CDD_MtrVoltDax_Volt_G_f32[0]	1.70430005
CDD_MtrVoltDax_Volt_G_f32[1]	3.35500002
CDD_MtrVoltQax_Volt_G_f32[0]	0.126300007
CDD_MtrVoltQax_Volt_G_f32[1]	4.78049994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	16628
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	188048
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	27309
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	119169
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	30100
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	185239
CDD_PhaseAdvFinal_Cnt_G_u16[0]	22728
CDD_PhaseAdvFinal_Cnt_G_u16[1]	28763
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	51193
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	57228
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	35389
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	47841
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3027
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3946
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	3932
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	5898

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.59599996	1.59599996 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.42799997	1.42799997 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.600000024	0.600000024 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.659988403	0.66000402 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	28690	28690	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	36800	36800	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	12564	12564	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	27161	27161	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	31635	31635	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	3783	3783	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	31349	31349	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	16628	16628	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	27309	27309	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	30100	30100	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2130	2130	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	289148928	289148928	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.269989014	0.270004272 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	168894720	168894720	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-46.8512001	-46.8512001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-23.2987995	-23.2987995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-35.6463013	-35.6463013 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-174.033997	-174.033997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-59.9796982	-59.9796982 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.70430005	1.70430005 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.126300007	0.126300007 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	51193	51193	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.539993286	0.539992988 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3027	3027	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	3932	3932 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.23 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.629999995
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.850000024
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	54999
CDD_Die1RxError_Cnt_G_u16[0]	11015
CDD_Die1RxError_Cnt_G_u16[1]	29651
CDD_Die1RxMtrPos_Cnt_G_u16[0]	16765
CDD_Die1RxMtrPos_Cnt_G_u16[1]	59465
CDD_Die1RxRevCtr_Cnt_G_u16[0]	0
CDD_Die1RxRevCtr_Cnt_G_u16[1]	0
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	28184
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	28111
CDD_Die2RxError_Cnt_G_u16[0]	26300
CDD_Die2RxError_Cnt_G_u16[1]	48265
CDD_Die2RxMtrPos_Cnt_G_u16[0]	39919
CDD_Die2RxMtrPos_Cnt_G_u16[1]	41149
CDD_Die2RxRevCtr_Cnt_G_u16[0]	29949
CDD_Die2RxRevCtr_Cnt_G_u16[1]	32049
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	197396992
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1912181504
CDD_MechMtrPos1_Rev_G_u0p16[0]	19660
CDD_MechMtrPos1_Rev_G_u0p16[1]	26869
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2537071360
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3758348800
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.46780002
CDD_MtrCurr1_Volts_G_f32[1]	3.86330009
CDD_MtrCurr2_Volts_G_f32[0]	0.442400008
CDD_MtrCurr2_Volts_G_f32[1]	4.73629999
CDD_MtrCurrDax_Amp_G_f32[0]	42.6477013
CDD_MtrCurrDax_Amp_G_f32[1]	79.188797
CDD_MtrCurrK1_Amps_G_f32[0]	-32.7196999
CDD_MtrCurrK1_Amps_G_f32[1]	143.350998
CDD_MtrCurrK2_Amps_G_f32[0]	-108.086998
CDD_MtrCurrK2_Amps_G_f32[1]	207.514008
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-183.455002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-169.322998
CDD_MtrCurrQax_Amp_G_f32[0]	-194.798996
CDD_MtrCurrQax_Amp_G_f32[1]	92.5391006
CDD_MtrVoltDax_Volt_G_f32[0]	1.21580005
CDD_MtrVoltDax_Volt_G_f32[1]	3.22679996
CDD_MtrVoltQax_Volt_G_f32[0]	2.08879995
CDD_MtrVoltQax_Volt_G_f32[1]	2.20140004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	57217
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	126905
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	23037
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	156004
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	42399
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	99269
CDD_PhaseAdvFinal_Cnt_G_u16[0]	21328
CDD_PhaseAdvFinal_Cnt_G_u16[1]	23428
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	49793
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	51893
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	37355
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	50462
CDD_SysCVSwitchADC_Cnt_G_u16[0]	102
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1267
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	5898
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8519

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.86330009	3.86330009 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.73629999	4.73629999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.850000024	0.850000024 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.83921814	0.83921814 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	29651	29651	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	59465	59465	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	28111	28111	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	48265	48265	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	41149	41149	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	32049	32049	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	126905	126905	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	156004	156004	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	99269	99269	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2196	2196	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1912181504	1912181504	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.409988403	0.410003662 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3758348800	3758348800	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	79.188797	79.188797 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	143.350998	143.350998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	207.514008	207.514008 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-169.322998	-169.322998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	92.5391006	92.5391006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.22679996	3.22679996 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.20140004	2.20140004 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	51893	51893	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.769989014	0.770003974 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1267	1267	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	8519	8519 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.24 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.660000026	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.889999986	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65530	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65470	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	0	
CDD_Die1RxError_Cnt_G_u16[0]	39281	
CDD_Die1RxError_Cnt_G_u16[1]	41116	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	22800	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	62435	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	65535	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	65535	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	29207	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	29122	
CDD_Die2RxError_Cnt_G_u16[0]	30500	
CDD_Die2RxError_Cnt_G_u16[1]	35665	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2648	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4483	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	17348	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	36249	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2187437312	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3666596864	
CDD_MechMtrPos1_Rev_G_u0p16[0]	21626	
CDD_MechMtrPos1_Rev_G_u0p16[1]	29490	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	214770688	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1235170560	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	0.314200014	
CDD_MtrCurr1_Volts_G_f32[1]	4.24779987	
CDD_MtrCurr2_Volts_G_f32[0]	1.49199998	
CDD_MtrCurr2_Volts_G_f32[1]	2.91750002	
CDD_MtrCurrDax_Amp_G_f32[0]	-54.4882011	
CDD_MtrCurrDax_Amp_G_f32[1]	119.799004	
CDD_MtrCurrK1_Amps_G_f32[0]	-117.508003	
CDD_MtrCurrK1_Amps_G_f32[1]	171.613998	
CDD_MtrCurrK2_Amps_G_f32[0]	-43.2832985	
CDD_MtrCurrK2_Amps_G_f32[1]	-30.9358006	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-141.061005	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	55.6365013	
CDD_MtrCurrQax_Amp_G_f32[0]	-154.188995	
CDD_MtrCurrQax_Amp_G_f32[1]	112.524002	
CDD_MtrVoltDax_Volt_G_f32[0]	1.60039997	
CDD_MtrVoltDax_Volt_G_f32[1]	2.07319999	
CDD_MtrVoltQax_Volt_G_f32[0]	4.67659998	
CDD_MtrVoltQax_Volt_G_f32[1]	4.8446002	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	66280	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	145323	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	168822	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	184585	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	181775	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	187375	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	8728	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	27628	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	37192	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	56093	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	41287	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	55705	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2956	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3071	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	7864	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	11141	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9_Per1 CorrectedElecMtrPos Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeA Cnt u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9 CDDInterface9 Per1 SysCVSwitchADC Cnt u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.24779987	4.24779987 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.91750002	2.91750002 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.889999986	0.889999986 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.99899292	0.99899298 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	65470	65470 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0	0 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	41116	41116	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	62435	62435	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	29122	29122	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	35665	35665	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	4483	4483	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	36249	36249	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	145323	145323	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	184585	184585	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	187375	187375	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2590	2590	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3666596864	3666596864	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.449981689	0.449996948 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1235170560	1235170560	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	119.799004	119.799004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	171.613998	171.613998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-30.9358006	-30.9358006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	55.6365013	55.6365013 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	112.524002	112.524002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.07319999	2.07319999 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	4.8446002	4.8446002 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	56093	56093	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.849990845	0.850005984 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3071	3071	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	11141	11141 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.25 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.00999999978	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	5892	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8519	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	65534	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	65534	
CDD_Die1RxError_Cnt_G_u16[0]	17315	
CDD_Die1RxError_Cnt_G_u16[1]	53016	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	58765	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	64535	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	27580	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	54148	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	30230	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	30133	
CDD_Die2RxError_Cnt_G_u16[0]	2764	
CDD_Die2RxError_Cnt_G_u16[1]	53335	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	16383	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	46219	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	25918	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	35019	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1510426368	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3683970560	
CDD_MechMtrPos1_Rev_G_u0p16[0]	23592	
CDD_MechMtrPos1_Rev_G_u0p16[1]	32112	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	994662144	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2949955072	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	0.338499993	
CDD_MtrCurr1_Volts_G_f32[1]	3.30209994	
CDD_MtrCurr2_Volts_G_f32[0]	2.58150005	
CDD_MtrCurr2_Volts_G_f32[1]	2.3131001	
CDD_MtrCurrDax_Amp_G_f32[0]	-40.3568001	
CDD_MtrCurrDax_Amp_G_f32[1]	37.9373016	
CDD_MtrCurrK1_Amps_G_f32[0]	-115.723999	
CDD_MtrCurrK1_Amps_G_f32[1]	-15.0205002	
CDD_MtrCurrK2_Amps_G_f32[0]	-191.091995	
CDD_MtrCurrK2_Amps_G_f32[1]	49.1421013	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	113.305	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	174.541	
CDD_MtrCurrQax_Amp_G_f32[0]	87.8286972	
CDD_MtrCurrQax_Amp_G_f32[1]	126.654999	
CDD_MtrVoltDax_Volt_G_f32[0]	3.69099998	
CDD_MtrVoltDax_Volt_G_f32[1]	1.06110001	
CDD_MtrVoltQax_Volt_G_f32[0]	2.66560006	
CDD_MtrVoltQax_Volt_G_f32[1]	2.93409991	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	55081	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	72689	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	84180	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	185394	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	23691	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	61625	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	8993	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65429	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	45762	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	54863	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43253	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	58327	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	496	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3815	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	9830	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	13762	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.338499993	0.338499993 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.58150005	2.58150005 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.0899047852	0.0899048001 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	5892	5892 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.999969482	0.99998498 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	17315	17315	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	58765	58765	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	27580	27580	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	30230	30230	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	2764	2764	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	16383	16383	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	25918	25918	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	55081	55081	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	84180	84180	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	23691	23691	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	843	843	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1510426368	1510426368	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.359985352	0.36000061 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	994662144	994662144	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-40.3568001	-40.3568001 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-115.723999	-115.723999 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-191.091995	-191.091995 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	113.305	113.305 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	87.8286972	87.8286972 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.69099998	3.69099998 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.66560006	2.66560006 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	45762	45762	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.659988403	0.66000402 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	496	496	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	9830	9830 ± 0.000030517578125	✓

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.26 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0299999993	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.0500000007	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	7864	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	11141	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	5898	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	8519	
CDD_Die1RxError_Cnt_G_u16[0]	10750	
CDD_Die1RxError_Cnt_G_u16[1]	47851	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	0	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	0	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	48435	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	64800	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	31253	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	31144	
CDD_Die2RxError_Cnt_G_u16[0]	42400	
CDD_Die2RxError_Cnt_G_u16[1]	50100	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	22249	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	59349	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	24083	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	55849	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	317651200	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4107982848	
CDD_MechMtrPos1_Rev_G_u0p16[0]	25558	
CDD_MechMtrPos1_Rev_G_u0p16[1]	34668	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	656156672	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2519697664	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	0.930800021	
CDD_MtrCurr1_Volts_G_f32[1]	1.6358	
CDD_MtrCurr2_Volts_G_f32[0]	2.10870004	
CDD_MtrCurr2_Volts_G_f32[1]	4.71199989	
CDD_MtrCurrDax_Amp_G_f32[0]	77.4048996	
CDD_MtrCurrDax_Amp_G_f32[1]	165.119995	
CDD_MtrCurrK1_Amps_G_f32[0]	-189.307999	
CDD_MtrCurrK1_Amps_G_f32[1]	-137.492996	
CDD_MtrCurrK2_Amps_G_f32[0]	14.3849001	
CDD_MtrCurrK2_Amps_G_f32[1]	205.729996	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-9.16740036	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	100.957001	
CDD_MtrCurrQax_Amp_G_f32[0]	-196.582993	
CDD_MtrCurrQax_Amp_G_f32[1]	-108.867996	
CDD_MtrVoltDax_Volt_G_f32[0]	2.68989992	
CDD_MtrVoltDax_Volt_G_f32[1]	3.39479995	
CDD_MtrVoltQax_Volt_G_f32[0]	0.470999986	
CDD_MtrVoltQax_Volt_G_f32[1]	3.8677001	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	112760	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	126096	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	5137	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	28636	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	41590	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	154813	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	15463	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	47228	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	10157	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	43927	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	655	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	86	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2404	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	11796	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16384	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.6358	1.6358 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.71199989	4.71199989 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0500000007	0.0500000007 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.169998169	0.169998005 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	11141	11141 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.129989624	0.130005002 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	47851	47851	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	64800	64800	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	31144	31144	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	50100	50100	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	59349	59349	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	55849	55849	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	126096	126096	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	28636	28636	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	154813	154813	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1716	-1716	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4107982848	4107982848	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.528991699	0.529006958 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2519697664	2519697664	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	165.119995	165.119995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-137.492996	-137.492996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	205.729996	205.729996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	100.957001	100.957001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-108.867996	-108.867996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.39479995	3.39479995 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.8677001	3.8677001 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	43927	43927	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.00999450684	0.00999450963 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2404	2404	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	16384	16384 ± 0.000030517578125	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔	
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔	

Test Step 2.27 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0599999987
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.0900000036
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	9828
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	13762
CDD_CumMechMtrPos_Rev_G_s15p16[0]	7864
CDD_CumMechMtrPos_Rev_G_s15p16[1]	11141
CDD_Die1RxError_Cnt_G_u16[0]	25716
CDD_Die1RxError_Cnt_G_u16[1]	50216
CDD_Die1RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	18599
CDD_Die1RxRevCtr_Cnt_G_u16[1]	63835
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	32276
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	32155
CDD_Die2RxError_Cnt_G_u16[0]	61735
CDD_Die2RxError_Cnt_G_u16[1]	65500
CDD_Die2RxMtrPos_Cnt_G_u16[0]	13583
CDD_Die2RxMtrPos_Cnt_G_u16[1]	54619
CDD_Die2RxRevCtr_Cnt_G_u16[0]	23118
CDD_Die2RxRevCtr_Cnt_G_u16[1]	43419
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1326922496
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4234482176
CDD_MechMtrPos1_Rev_G_u0p16[0]	27508
CDD_MechMtrPos1_Rev_G_u0p16[1]	37355
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	811158272
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3500466688
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.10749996
CDD_MtrCurr1_Volts_G_f32[1]	3.04570007
CDD_MtrCurr2_Volts_G_f32[0]	0.0820999965
CDD_MtrCurr2_Volts_G_f32[1]	2.32520008
CDD_MtrCurrDax_Amp_G_f32[0]	16.1688004
CDD_MtrCurrDax_Amp_G_f32[1]	19.0953999
CDD_MtrCurrK1_Amps_G_f32[0]	-59.1987
CDD_MtrCurrK1_Amps_G_f32[1]	-33.8624001
CDD_MtrCurrK2_Amps_G_f32[0]	-134.565994
CDD_MtrCurrK2_Amps_G_f32[1]	30.3001995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-209.934006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	94.4628983
CDD_MtrCurrQax_Amp_G_f32[0]	68.9868011
CDD_MtrCurrQax_Amp_G_f32[1]	183.181
CDD_MtrVoltDax_Volt_G_f32[0]	4.46000004
CDD_MtrVoltDax_Volt_G_f32[1]	4.80480003
CDD_MtrVoltQax_Volt_G_f32[0]	3.43460011
CDD_MtrVoltQax_Volt_G_f32[1]	1.67770004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	46536
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	98325
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	64144
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	75635
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	15146
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	87261
CDD_PhaseAdvFinal_Cnt_G_u16[0]	17393
CDD_PhaseAdvFinal_Cnt_G_u16[1]	62629
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	42962
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	63263
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	1966
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	3276
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1021
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3640
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	13762
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	19005

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.10749996	1.10749996 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.0820999965	0.0820999965 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0599999987	0.0599999987 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.149963379	0.149978995 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	9828	9828 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.119995117	0.119994998 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	25716	25716	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	18599	18599	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	32276	32276	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	61735	61735	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	13583	13583	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	23118	23118	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	46536	46536	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	64144	64144	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	15146	15146	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1630	1630	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1326922496	1326922496	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.41973877	0.419754028 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	811158272	811158272	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	16.1688004	16.1688004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-59.1987	-59.1987 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-134.565994	-134.565994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-209.934006	-209.934006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	68.9868011	68.9868011 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.46000004	4.46000004 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.43460011	3.43460011 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	42962	42962	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0299987793	0.0299987998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1021	1021	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.28 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0900000036
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.129999995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	11795
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16384
CDD_CumMechMtrPos_Rev_G_s15p16[0]	9829
CDD_CumMechMtrPos_Rev_G_s15p16[1]	13762
CDD_Die1RxError_Cnt_G_u16[0]	33681
CDD_Die1RxError_Cnt_G_u16[1]	57916
CDD_Die1RxMtrPos_Cnt_G_u16[0]	41607
CDD_Die1RxMtrPos_Cnt_G_u16[1]	37483
CDD_Die1RxRevCtr_Cnt_G_u16[0]	23234
CDD_Die1RxRevCtr_Cnt_G_u16[1]	26734
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	33299
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	33166
CDD_Die2RxError_Cnt_G_u16[0]	24900
CDD_Die2RxError_Cnt_G_u16[1]	52465
CDD_Die2RxMtrPos_Cnt_G_u16[0]	21283
CDD_Die2RxMtrPos_Cnt_G_u16[1]	62584
CDD_Die2RxRevCtr_Cnt_G_u16[0]	30649
CDD_Die2RxRevCtr_Cnt_G_u16[1]	34149
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472652800
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1820429568
CDD_MechMtrPos1_Rev_G_u0p16[0]	29437
CDD_MechMtrPos1_Rev_G_u0p16[1]	39976
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	868162816
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1315793920
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.85230005
CDD_MtrCurr1_Volts_G_f32[1]	3.73510003
CDD_MtrCurr2_Volts_G_f32[0]	2.40479994
CDD_MtrCurr2_Volts_G_f32[1]	3.0302
CDD_MtrCurrDax_Amp_G_f32[0]	-208.149994
CDD_MtrCurrDax_Amp_G_f32[1]	-92.1718979
CDD_MtrCurrK1_Amps_G_f32[0]	-4.45690012
CDD_MtrCurrK1_Amps_G_f32[1]	133.929993
CDD_MtrCurrK2_Amps_G_f32[0]	-80.9671021
CDD_MtrCurrK2_Amps_G_f32[1]	82.1154022
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-178.744003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-155.192001
CDD_MtrCurrQax_Amp_G_f32[0]	-41.1377983
CDD_MtrCurrQax_Amp_G_f32[1]	74.8398972
CDD_MtrVoltDax_Volt_G_f32[0]	1.08770001
CDD_MtrVoltDax_Volt_G_f32[1]	3.61139989
CDD_MtrVoltQax_Volt_G_f32[0]	0.382699996
CDD_MtrVoltQax_Volt_G_f32[1]	4.1638999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	196075
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	196593
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	35854
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	151732
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	38645
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	164685
CDD_PhaseAdvFinal_Cnt_G_u16[0]	22028
CDD_PhaseAdvFinal_Cnt_G_u16[1]	25528
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	50493
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	53993
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	3932
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	5898
CDD_SysCVSwitchADC_Cnt_G_u16[0]	25
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2606
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15728
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	21626

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.85230005	1.85230005 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.40479994	2.40479994 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0900000036	0.0900000036 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.179977417	0.179993004 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	11795	11795 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.149978638	0.149994001 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	33681	33681	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	41607	41607	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	23234	23234	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	33299	33299	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	24900	24900	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	21283	21283	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	30649	30649	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	196075	196075	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	35854	35854	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	38645	38645	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2065	2065	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	472652800	472652800	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.449172974	0.449188232 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	868162816	868162816	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-208.149994	-208.149994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-4.45690012	-4.45690012 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-80.9671021	-80.9671021 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-178.744003	-178.744003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-41.1377983	-41.1377983 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.08770001	1.08770001 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.382699996	0.382699996 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	50493	50493	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0599975586	0.0599975996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	25	25	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	15728	15728 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.29 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.119999997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.170000002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	13762
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	19004
CDD_CumMechMtrPos_Rev_G_s15p16[0]	11795
CDD_CumMechMtrPos_Rev_G_s15p16[1]	16384
CDD_Die1RxError_Cnt_G_u16[0]	2615
CDD_Die1RxError_Cnt_G_u16[1]	54851
CDD_Die1RxMtrPos_Cnt_G_u16[0]	8364
CDD_Die1RxMtrPos_Cnt_G_u16[1]	36535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	16234
CDD_Die1RxRevCtr_Cnt_G_u16[1]	47735
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	34322
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	34177
CDD_Die2RxError_Cnt_G_u16[0]	0
CDD_Die2RxError_Cnt_G_u16[1]	0
CDD_Die2RxMtrPos_Cnt_G_u16[0]	18218
CDD_Die2RxMtrPos_Cnt_G_u16[1]	31518
CDD_Die2RxRevCtr_Cnt_G_u16[0]	23649
CDD_Die2RxRevCtr_Cnt_G_u16[1]	55149
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1361669888
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1848931840
CDD_MechMtrPos1_Rev_G_u0p16[0]	30998
CDD_MechMtrPos1_Rev_G_u0p16[1]	42597
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1114916352
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1986559744
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	3.0941999
CDD_MtrCurr1_Volts_G_f32[1]	3.77489996
CDD_MtrCurr2_Volts_G_f32[0]	2.74950004
CDD_MtrCurr2_Volts_G_f32[1]	3.96720004
CDD_MtrCurrDax_Amp_G_f32[0]	22.6632004
CDD_MtrCurrDax_Amp_G_f32[1]	212.225006
CDD_MtrCurrK1_Amps_G_f32[0]	86.825798
CDD_MtrCurrK1_Amps_G_f32[1]	136.856995
CDD_MtrCurrK2_Amps_G_f32[0]	61.4896011
CDD_MtrCurrK2_Amps_G_f32[1]	150.988007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-13.8779001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	215.151001
CDD_MtrCurrQax_Amp_G_f32[0]	-61.7635994
CDD_MtrCurrQax_Amp_G_f32[1]	189.675003
CDD_MtrVoltDax_Volt_G_f32[0]	0.446799994
CDD_MtrVoltDax_Volt_G_f32[1]	1.12750006
CDD_MtrVoltQax_Volt_G_f32[0]	0.1021
CDD_MtrVoltQax_Volt_G_f32[1]	1.3197
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	101270
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	134123
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	99943
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	130369
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	16764
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	176175
CDD_PhaseAdvFinal_Cnt_G_u16[0]	15028
CDD_PhaseAdvFinal_Cnt_G_u16[1]	46528
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	9457
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	43493
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	5898
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8519
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2842
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3673
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	17694
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24248

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.77489996	3.77489996 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.96720004	3.96720004 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.170000002	0.170000002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.289978027	0.289992988 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	19004	19004 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.25	0.25 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	54851	54851	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	36535	36535	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	47735	47735	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	34177	34177	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	31518	31518	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	55149	55149	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	134123	134123	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	130369	130369	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	176175	176175	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1782	-1782	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1848931840	1848931840	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.649978638	0.649993896 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1986559744	1986559744	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	212.225006	212.225006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	136.856995	136.856995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	150.988007	150.988007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	215.151001	215.151001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	189.675003	189.675003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.12750006	1.12750006 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.3197	1.3197 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	43493	43493	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.129989624	0.130005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3673	3673	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	24248	24248 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.30 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.150000006	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.209999993	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15728	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	21626	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	13762	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	19004	
CDD_Die1RxError_Cnt_G_u16[0]	23181	
CDD_Die1RxError_Cnt_G_u16[1]	29216	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4864	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	34965	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	1364	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	57535	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	35345	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	35188	
CDD_Die2RxError_Cnt_G_u16[0]	65535	
CDD_Die2RxError_Cnt_G_u16[1]	65535	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	52084	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	58119	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	26184	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	64949	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1527800064	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2491195392	
CDD_MechMtrPos1_Rev_G_u0p16[0]	33422	
CDD_MechMtrPos1_Rev_G_u0p16[1]	45219	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	180023296	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3729846528	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	3.32629991	
CDD_MtrCurr1_Volts_G_f32[1]	4.6722002	
CDD_MtrCurr2_Volts_G_f32[0]	0.40259999	
CDD_MtrCurr2_Volts_G_f32[1]	1.44350004	
CDD_MtrCurrDax_Amp_G_f32[0]	-122.219002	
CDD_MtrCurrDax_Amp_G_f32[1]	-0.889100015	
CDD_MtrCurrK1_Amps_G_f32[0]	103.884003	
CDD_MtrCurrK1_Amps_G_f32[1]	202.804001	
CDD_MtrCurrK2_Amps_G_f32[0]	-151.623993	
CDD_MtrCurrK2_Amps_G_f32[1]	-111.014	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	52.0686989	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	115.088997	
CDD_MtrCurrQax_Amp_G_f32[0]	-72.3272018	
CDD_MtrCurrQax_Amp_G_f32[1]	166.123001	
CDD_MtrVoltDax_Volt_G_f32[0]	0.678900003	
CDD_MtrVoltDax_Volt_G_f32[1]	2.02469993	
CDD_MtrVoltQax_Volt_G_f32[0]	3.2026	
CDD_MtrVoltQax_Volt_G_f32[1]	3.75510001	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	90589	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	182448	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	84989	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	129851	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	97942	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	132641	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	17563	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	56329	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	19257	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	46028	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	7864	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	11141	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1240	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1950	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	19660	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26869	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.6722002	4.6722002 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.44350004	1.44350004 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.209999993	0.209999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.289978027	0.289992988 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	29216	29216	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	34965	34965	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	57535	57535	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	35188	35188	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	58119	58119	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	64949	64949	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	182448	182448	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	129851	129851	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	132641	132641	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-863	-863	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2491195392	2491195392	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.689987183	0.690002441 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3729846528	3729846528	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-0.889100015	-0.889100015 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	202.804001	202.804001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-111.014	-111.014 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	115.088997	115.088997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	166.123001	166.123001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.02469993	2.02469993 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.75510001	3.75510001 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	46028	46028	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.169998169	0.169998005 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1950	1950	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	26869	26869 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.31 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.180000007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	17694
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24182
CDD_CumMechMtrPos_Rev_G_s15p16[0]	15728
CDD_CumMechMtrPos_Rev_G_s15p16[1]	21626
CDD_Die1RxError_Cnt_G_u16[0]	21781
CDD_Die1RxError_Cnt_G_u16[1]	23881
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3464
CDD_Die1RxMtrPos_Cnt_G_u16[1]	47035
CDD_Die1RxRevCtr_Cnt_G_u16[0]	14664
CDD_Die1RxRevCtr_Cnt_G_u16[1]	37500
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	36368
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	36199
CDD_Die2RxError_Cnt_G_u16[0]	23548
CDD_Die2RxError_Cnt_G_u16[1]	9109
CDD_Die2RxMtrPos_Cnt_G_u16[0]	50684
CDD_Die2RxMtrPos_Cnt_G_u16[1]	52784
CDD_Die2RxRevCtr_Cnt_G_u16[0]	39484
CDD_Die2RxRevCtr_Cnt_G_u16[1]	62319
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	822286848
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3895976704
CDD_MechMtrPos1_Rev_G_u0p16[0]	35388
CDD_MechMtrPos1_Rev_G_u0p16[1]	47834
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	88271360
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	225899264
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.634599984
CDD_MtrCurr1_Volts_G_f32[1]	2.34069991
CDD_MtrCurr2_Volts_G_f32[0]	1.31529999
CDD_MtrCurr2_Volts_G_f32[1]	1.50759995
CDD_MtrCurrDax_Amp_G_f32[0]	-158.117996
CDD_MtrCurrDax_Amp_G_f32[1]	-10.3100996
CDD_MtrCurrK1_Amps_G_f32[0]	-93.9558029
CDD_MtrCurrK1_Amps_G_f32[1]	-85.677597
CDD_MtrCurrK2_Amps_G_f32[0]	-161.044998
CDD_MtrCurrK2_Amps_G_f32[1]	-146.914001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-82.7509995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	204.587006
CDD_MtrCurrQax_Amp_G_f32[0]	8.89340019
CDD_MtrCurrQax_Amp_G_f32[1]	156.701996
CDD_MtrVoltDax_Volt_G_f32[0]	2.39369988
CDD_MtrVoltDax_Volt_G_f32[1]	4.09980011
CDD_MtrVoltQax_Volt_G_f32[0]	3.07439995
CDD_MtrVoltQax_Volt_G_f32[1]	3.26659989
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	86316
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	166167
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	52136
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	195266
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	128368
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	134777
CDD_PhaseAdvFinal_Cnt_G_u16[0]	30863
CDD_PhaseAdvFinal_Cnt_G_u16[1]	36293
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	16627
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	59328
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	9830
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	13762
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1863
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1994
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	21626
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	29491

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.634599984	0.634599984 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.31529999	1.31529999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.180000007	0.180000007 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.269989014	0.270004004 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	17694	17694 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.239990234	0.240005001 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	21781	21781	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	3464	3464	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	14664	14664	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	36368	36368	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	23548	23548	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	50684	50684	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	39484	39484	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	86316	86316	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	52136	52136	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	128368	128368	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2893	2893	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	822286848	822286848	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.539978027	0.539993286 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	88271360	88271360	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-158.117996	-158.117996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-93.9558029	-93.9558029 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-161.044998	-161.044998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-82.7509995	-82.7509995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	8.89340019	8.89340019 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.39369988	2.39369988 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.07439995	3.07439995 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	16627	16627	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.149993896	0.149994001 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1863	1863	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.32 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.209999993	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.289999992	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	19660	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26869	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	17694	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	24248	
CDD_Die1RxError_Cnt_G_u16[0]	9180	
CDD_Die1RxError_Cnt_G_u16[1]	28081	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	51235	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	56400	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	17634	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	43535	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	37391	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	37210	
CDD_Die2RxError_Cnt_G_u16[0]	19299	
CDD_Die2RxError_Cnt_G_u16[1]	21134	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	0	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	0	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	25049	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	50949	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1453421824	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1573676032	
CDD_MechMtrPos1_Rev_G_u0p16[0]	37355	
CDD_MechMtrPos1_Rev_G_u0p16[1]	50462	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	501155072	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2416817152	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	3.22239995	
CDD_MtrCurr1_Volts_G_f32[1]	3.39039993	
CDD_MtrCurr2_Volts_G_f32[0]	1.89209998	
CDD_MtrCurr2_Volts_G_f32[1]	4.56829977	
CDD_MtrCurrDax_Amp_G_f32[0]	-129.856003	
CDD_MtrCurrDax_Amp_G_f32[1]	-95.0985031	
CDD_MtrCurrK1_Amps_G_f32[0]	96.2468033	
CDD_MtrCurrK1_Amps_G_f32[1]	108.594002	
CDD_MtrCurrK2_Amps_G_f32[0]	-118.651001	
CDD_MtrCurrK2_Amps_G_f32[1]	195.167007	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-216.427994	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-42.1407013	
CDD_MtrCurrQax_Amp_G_f32[0]	37.1562004	
CDD_MtrCurrQax_Amp_G_f32[1]	71.9133987	
CDD_MtrVoltDax_Volt_G_f32[0]	0.574899971	
CDD_MtrVoltDax_Volt_G_f32[1]	0.742900014	
CDD_MtrVoltQax_Volt_G_f32[0]	1.92079997	
CDD_MtrVoltQax_Volt_G_f32[1]	3.65120006	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	47863	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	178985	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	87125	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	134641	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	89915	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	147595	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	16428	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	42328	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	5257	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	44893	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	11796	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16384	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1075	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2256	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	23592	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32112	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.22239995	3.22239995 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.89209998	1.89209998 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.209999993	0.209999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.299987793	0.300003052 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	19660	19660 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.269989014	0.270004004 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	9180	9180	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	51235	51235	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	17634	17634	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	37391	37391	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	19299	19299	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	25049	25049	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	47863	47863	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	87125	87125	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	89915	89915	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1540	1540	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1453421824	1453421824	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.569992065	0.570007324 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	501155072	501155072	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-129.856003	-129.856003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	96.2468033	96.2468033 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-118.651001	-118.651001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-216.427994	-216.427994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	37.1562004	37.1562004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.574899971	0.574899971 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.92079997	1.92079997 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	5257	5257	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.179992676	0.179992676 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1075	1075	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	23592	23592 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.33 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.239999995	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.330000013	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	21626	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	29484	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	19660	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	26869	
CDD_Die1RxError_Cnt_G_u16[0]	17750	
CDD_Die1RxError_Cnt_G_u16[1]	26851	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	23500	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	56665	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	13964	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	19734	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	38414	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	38221	
CDD_Die2RxError_Cnt_G_u16[0]	33035	
CDD_Die2RxError_Cnt_G_u16[1]	45465	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	65535	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	65535	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	27149	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	38784	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	13893120	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2353567488	
CDD_MechMtrPos1_Rev_G_u0p16[0]	27524	
CDD_MechMtrPos1_Rev_G_u0p16[1]	37355	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2978457344	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3574844928	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	1.21140003	
CDD_MtrCurr1_Volts_G_f32[1]	4.47989988	
CDD_MtrCurr2_Volts_G_f32[0]	0.186000004	
CDD_MtrCurr2_Volts_G_f32[1]	1.35290003	
CDD_MtrCurrDax_Amp_G_f32[0]	23.8059006	
CDD_MtrCurrDax_Amp_G_f32[1]	124.510002	
CDD_MtrCurrK1_Amps_G_f32[0]	-51.5615997	
CDD_MtrCurrK1_Amps_G_f32[1]	188.671997	
CDD_MtrCurrK2_Amps_G_f32[0]	-188.164993	
CDD_MtrCurrK2_Amps_G_f32[1]	-126.929001	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-202.296997	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	199.876999	
CDD_MtrCurrQax_Amp_G_f32[0]	-149.479004	
CDD_MtrCurrQax_Amp_G_f32[1]	73.6973038	
CDD_MtrVoltDax_Volt_G_f32[0]	1.83239996	
CDD_MtrVoltDax_Volt_G_f32[1]	2.97049999	
CDD_MtrVoltQax_Volt_G_f32[0]	1.11189997	
CDD_MtrVoltQax_Volt_G_f32[1]	1.94509995	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	48672	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	147459	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	14492	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	123442	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	62953	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	90724	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	18528	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	30163	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	46993	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	58628	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	13762	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	19005	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	523	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1092	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	25559	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34734	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.47989988	4.47989988 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.35290003	1.35290003 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.330000013	0.330000013 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.449890137	0.449905008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	29484	29484 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.409988403	0.41000399 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	26851	26851	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	56665	56665	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	19734	19734	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	38221	38221	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	45465	45465	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	38784	38784	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	147459	147459	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	123442	123442	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	90724	90724	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2827	2827	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2353567488	2353567488	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.569992065	0.570007324 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3574844928	3574844928	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	124.510002	124.510002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	188.671997	188.671997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-126.929001	-126.929001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	199.876999	199.876999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	73.6973038	73.6973038 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.97049999	2.97049999 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.94509995	1.94509995 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	58628	58628	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.289993286	0.289992988 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1092	1092	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	34734	34734 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.34 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.270000011
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.370000005
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	23592
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32112
CDD_CumMechMtrPos_Rev_G_s15p16[0]	21626
CDD_CumMechMtrPos_Rev_G_s15p16[1]	29490
CDD_Die1RxError_Cnt_G_u16[0]	15915
CDD_Die1RxError_Cnt_G_u16[1]	47681
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5299
CDD_Die1RxMtrPos_Cnt_G_u16[1]	63135
CDD_Die1RxRevCtr_Cnt_G_u16[0]	32865
CDD_Die1RxRevCtr_Cnt_G_u16[1]	37235
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	39437
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	39232
CDD_Die2RxError_Cnt_G_u16[0]	10464
CDD_Die2RxError_Cnt_G_u16[1]	38900
CDD_Die2RxMtrPos_Cnt_G_u16[0]	36839
CDD_Die2RxMtrPos_Cnt_G_u16[1]	29084
CDD_Die2RxRevCtr_Cnt_G_u16[0]	44649
CDD_Die2RxRevCtr_Cnt_G_u16[1]	57684
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2015062016
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3878603008
CDD_MechMtrPos1_Rev_G_u0p16[0]	29484
CDD_MechMtrPos1_Rev_G_u0p16[1]	39976
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1785682176
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2858203136
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0.610400021
CDD_MtrCurr1_Volts_G_f32[1]	4.00699997
CDD_MtrCurr2_Volts_G_f32[0]	3.68659997
CDD_MtrCurr2_Volts_G_f32[1]	1.18490005
CDD_MtrCurrDax_Amp_G_f32[0]	-49.7776985
CDD_MtrCurrDax_Amp_G_f32[1]	2.03740001
CDD_MtrCurrK1_Amps_G_f32[0]	-212.860001
CDD_MtrCurrK1_Amps_G_f32[1]	36.7946014
CDD_MtrCurrK2_Amps_G_f32[0]	-200.513
CDD_MtrCurrK2_Amps_G_f32[1]	13.2423
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-113.940002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-84.5348969
CDD_MtrCurrQax_Amp_G_f32[0]	117.234001
CDD_MtrCurrQax_Amp_G_f32[1]	169.048996
CDD_MtrVoltDax_Volt_G_f32[0]	2.36940002
CDD_MtrVoltDax_Volt_G_f32[1]	0.766099989
CDD_MtrVoltQax_Volt_G_f32[0]	2.53740001
CDD_MtrVoltQax_Volt_G_f32[1]	4.44560003
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	68417
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	91916
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	107679
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	194457
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	7410
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	57353
CDD_PhaseAdvFinal_Cnt_G_u16[0]	36028
CDD_PhaseAdvFinal_Cnt_G_u16[1]	49063
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	11992
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	64493
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15728
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	21626
CDD_SysCVSwitchADC_Cnt_G_u16[0]	408
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3482
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	27525
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	37355

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.00699997	4.00699997 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.18490005	1.18490005 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.370000005	0.370000005 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.489990234	0.490004987 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	32112	32112 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.449981689	0.449997008 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	47681	47681	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	63135	63135	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	37235	37235	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	39232	39232	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	38900	38900	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	29084	29084	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	57684	57684	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	91916	91916	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	194457	194457	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	57353	57353	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1544	-1544	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3878603008	3878603008	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.609985352	0.61000061 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2858203136	2858203136	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	2.03740001	2.03740001 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	36.7946014	36.7946014 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	13.2423	13.2423 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-84.5348969	-84.5348969 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	169.048996	169.048996 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.766099989	0.766099989 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	4.44560003	4.44560003 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	64493	64493	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3482	3482	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✓

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.35 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.300000012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.409999996
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	25548
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34733
CDD_CumMechMtrPos_Rev_G_s15p16[0]	23592
CDD_CumMechMtrPos_Rev_G_s15p16[1]	32112
CDD_Die1RxError_Cnt_G_u16[0]	14950
CDD_Die1RxError_Cnt_G_u16[1]	35251
CDD_Die1RxMtrPos_Cnt_G_u16[0]	16934
CDD_Die1RxMtrPos_Cnt_G_u16[1]	20699
CDD_Die1RxRevCtr_Cnt_G_u16[0]	11164
CDD_Die1RxRevCtr_Cnt_G_u16[1]	28135
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	40460
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	40243
CDD_Die2RxError_Cnt_G_u16[0]	30235
CDD_Die2RxError_Cnt_G_u16[1]	53865
CDD_Die2RxMtrPos_Cnt_G_u16[0]	26449
CDD_Die2RxMtrPos_Cnt_G_u16[1]	46749
CDD_Die2RxRevCtr_Cnt_G_u16[0]	0
CDD_Die2RxRevCtr_Cnt_G_u16[1]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	564404736
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2170063616
CDD_MechMtrPos1_Rev_G_u0p16[0]	23592
CDD_MechMtrPos1_Rev_G_u0p16[1]	32112
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2794953472
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4125356544
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.98049998
CDD_MtrCurr1_Volts_G_f32[1]	4.22359991
CDD_MtrCurr2_Volts_G_f32[0]	0.9551
CDD_MtrCurr2_Volts_G_f32[1]	4.09649992
CDD_MtrCurrDax_Amp_G_f32[0]	80.3314972
CDD_MtrCurrDax_Amp_G_f32[1]	105.667999
CDD_MtrCurrK1_Amps_G_f32[0]	4.96400023
CDD_MtrCurrK1_Amps_G_f32[1]	169.830002
CDD_MtrCurrK2_Amps_G_f32[0]	-207.007004
CDD_MtrCurrK2_Amps_G_f32[1]	-70.4035034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-145.770996
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	181.035004
CDD_MtrCurrQax_Amp_G_f32[0]	-193.656998
CDD_MtrCurrQax_Amp_G_f32[1]	-168.320007
CDD_MtrVoltDax_Volt_G_f32[0]	1.57609999
CDD_MtrVoltDax_Volt_G_f32[1]	3.73950005
CDD_MtrVoltQax_Volt_G_f32[0]	0.855599999
CDD_MtrVoltQax_Volt_G_f32[1]	2.71409988
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	74307
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	138914
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	40127
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	114897
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	54408
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	116360
CDD_PhaseAdvFinal_Cnt_G_u16[0]	26928
CDD_PhaseAdvFinal_Cnt_G_u16[1]	27363
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	55393
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	55828
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	17694
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24248
CDD_SysCVSwitchADC_Cnt_G_u16[0]	348
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1617
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	29491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	39976

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.22359991	4.22359991 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.09649992	4.09649992 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.409999996	0.409999996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.529983521	0.529983997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	34733	34733 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.489990234	0.490004987 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	35251	35251	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	20699	20699	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	28135	28135	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	40243	40243	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	53865	53865	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	46749	46749	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	138914	138914	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	114897	114897	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	116360	116360	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2565	2565	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2170063616	2170063616	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.489990234	0.490005493 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	4125356544	4125356544	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	105.667999	105.667999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	169.830002	169.830002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-70.4035034	-70.4035034 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	181.035004	181.035004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-168.320007	-168.320007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.73950005	3.73950005 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.71409988	2.71409988 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	55828	55828	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.369995117	0.369994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1617	1617	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	39976	39976 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.36 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.330000013	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.449999988	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	27524	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	37355	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	25548	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	34733	
CDD_Die1RxError_Cnt_G_u16[0]	22481	
CDD_Die1RxError_Cnt_G_u16[1]	25981	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	7664	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	45635	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	60165	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	60335	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	41483	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	41254	
CDD_Die2RxError_Cnt_G_u16[0]	13699	
CDD_Die2RxError_Cnt_G_u16[1]	37935	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	51384	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	54884	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	65535	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	65535	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1086414080	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2674699264	
CDD_MechMtrPos1_Rev_G_u0p16[0]	19660	
CDD_MechMtrPos1_Rev_G_u0p16[1]	26869	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	134147328	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	363527168	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	2.70970011	
CDD_MtrCurr1_Volts_G_f32[1]	4.92850018	
CDD_MtrCurr2_Volts_G_f32[0]	1.37940001	
CDD_MtrCurr2_Volts_G_f32[1]	1.69990003	
CDD_MtrCurrDax_Amp_G_f32[0]	-167.539001	
CDD_MtrCurrDax_Amp_G_f32[1]	17.9526997	
CDD_MtrCurrK1_Amps_G_f32[0]	-219.354996	
CDD_MtrCurrK1_Amps_G_f32[1]	58.5629997	
CDD_MtrCurrK2_Amps_G_f32[0]	-156.335007	
CDD_MtrCurrK2_Amps_G_f32[1]	-132.781998	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	69.7678986	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	70.9104996	
CDD_MtrCurrQax_Amp_G_f32[0]	-0.527499974	
CDD_MtrCurrQax_Amp_G_f32[1]	184.964996	
CDD_MtrVoltDax_Volt_G_f32[0]	0.0621999986	
CDD_MtrVoltDax_Volt_G_f32[1]	2.28110003	
CDD_MtrVoltQax_Volt_G_f32[0]	3.13849998	
CDD_MtrVoltQax_Volt_G_f32[1]	3.45889997	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	99134	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	161895	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	117551	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	138396	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	130505	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	141186	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	10828	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	59129	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	39292	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	39462	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	19660	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26869	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1906	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2125	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	31457	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	42598	

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.92850018	4.92850018 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.69990003	1.69990003 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.449999988	0.449999988 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.569992065	0.570007026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.529983521	0.529983997 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	25981	25981	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	45635	45635	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	60335	60335	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	41254	41254	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	37935	37935	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	54884	54884	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	161895	161895	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	138396	138396	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	141186	141186	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-600	-600	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2674699264	2674699264	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.409988403	0.410003662 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	363527168	363527168	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	17.9526997	17.9526997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	58.5629997	58.5629997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-132.781998	-132.781998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	70.9104996	70.9104996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	184.964996	184.964996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.28110003	2.28110003 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.45889997	3.45889997 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	39462	39462	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.409988403	0.41000399 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2125	2125	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	42598	42598 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.37 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.360000014
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.49000001
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	29486
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	39976
CDD_CumMechMtrPos_Rev_G_s15p16[0]	27524
CDD_CumMechMtrPos_Rev_G_s15p16[1]	37355
CDD_Die1RxError_Cnt_G_u16[0]	15481
CDD_Die1RxError_Cnt_G_u16[1]	46981
CDD_Die1RxMtrPos_Cnt_G_u16[0]	28665
CDD_Die1RxMtrPos_Cnt_G_u16[1]	38635
CDD_Die1RxRevCtr_Cnt_G_u16[0]	29100
CDD_Die1RxRevCtr_Cnt_G_u16[1]	39865
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	42506
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	42265
CDD_Die2RxError_Cnt_G_u16[0]	17465
CDD_Die2RxError_Cnt_G_u16[1]	30765
CDD_Die2RxMtrPos_Cnt_G_u16[0]	10348
CDD_Die2RxMtrPos_Cnt_G_u16[1]	44384
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2168
CDD_Die2RxRevCtr_Cnt_G_u16[1]	32752
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2473821696
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3345465088
CDD_MechMtrPos1_Rev_G_u0p16[0]	21626
CDD_MechMtrPos1_Rev_G_u0p16[1]	29490
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1739806208
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3970354944
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	4.6479001
CDD_MtrCurr1_Volts_G_f32[1]	1.86559999
CDD_MtrCurr2_Volts_G_f32[0]	0.738499999
CDD_MtrCurr2_Volts_G_f32[1]	3.62249994
CDD_MtrCurrDax_Amp_G_f32[0]	-214.643997
CDD_MtrCurrDax_Amp_G_f32[1]	-164.613007
CDD_MtrCurrK1_Amps_G_f32[0]	-150.481003
CDD_MtrCurrK1_Amps_G_f32[1]	201.020004
CDD_MtrCurrK2_Amps_G_f32[0]	-203.438995
CDD_MtrCurrK2_Amps_G_f32[1]	8.53180027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-139.276993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-66.835701
CDD_MtrCurrQax_Amp_G_f32[0]	-114.721001
CDD_MtrCurrQax_Amp_G_f32[1]	-47.6321983
CDD_MtrVoltDax_Volt_G_f32[0]	0.407000005
CDD_MtrVoltDax_Volt_G_f32[1]	1.62460005
CDD_MtrVoltQax_Volt_G_f32[0]	2.49760008
CDD_MtrVoltQax_Volt_G_f32[1]	0.381500006
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	140532
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	163222
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	129042
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	169631
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5273
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	109142
CDD_PhaseAdvFinal_Cnt_G_u16[0]	27893
CDD_PhaseAdvFinal_Cnt_G_u16[1]	56063
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	8227
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	18992
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	21626
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	29491
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1469
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3438
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	33423
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	45219

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.86559999	1.86559999 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.62249994	3.62249994 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.49000001	0.49000001 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.609985352	0.610001028 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	39976	39976 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.569992065	0.570007026 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	46981	46981	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	38635	38635	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	39865	39865	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	42265	42265	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	30765	30765	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	44384	44384	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	32752	32752	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	163222	163222	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	169631	169631	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	109142	109142	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-888	-888	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3345465088	3345465088	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.449981689	0.449996948 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3970354944	3970354944	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-164.613007	-164.613007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	201.020004	201.020004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	8.53180027	8.53180027 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-66.835701	-66.835701 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-47.6321983	-47.6321983 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.62460005	1.62460005 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.381500006	0.381500006 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	18992	18992	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.449996948	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3438	3438	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	45219	45219 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.38 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.389999986
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.529999971
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	31456
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	42597
CDD_CumMechMtrPos_Rev_G_s15p16[0]	29491
CDD_CumMechMtrPos_Rev_G_s15p16[1]	39976
CDD_Die1RxError_Cnt_G_u16[0]	18016
CDD_Die1RxError_Cnt_G_u16[1]	56781
CDD_Die1RxMtrPos_Cnt_G_u16[0]	23765
CDD_Die1RxMtrPos_Cnt_G_u16[1]	38465
CDD_Die1RxRevCtr_Cnt_G_u16[0]	25600
CDD_Die1RxRevCtr_Cnt_G_u16[1]	55700
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	43529
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	43276
CDD_Die2RxError_Cnt_G_u16[0]	3199
CDD_Die2RxError_Cnt_G_u16[1]	57365
CDD_Die2RxMtrPos_Cnt_G_u16[0]	20149
CDD_Die2RxMtrPos_Cnt_G_u16[1]	46919
CDD_Die2RxRevCtr_Cnt_G_u16[0]	14983
CDD_Die2RxRevCtr_Cnt_G_u16[1]	50419
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	398274560
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	793784576
CDD_MechMtrPos1_Rev_G_u0p16[0]	23592
CDD_MechMtrPos1_Rev_G_u0p16[1]	32112
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2382069760
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2995831040
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.74839997
CDD_MtrCurr1_Volts_G_f32[1]	2.30089998
CDD_MtrCurr2_Volts_G_f32[0]	4.51970005
CDD_MtrCurr2_Volts_G_f32[1]	1.37709999
CDD_MtrCurrDax_Amp_G_f32[0]	-197.585999
CDD_MtrCurrDax_Amp_G_f32[1]	-98.6662979
CDD_MtrCurrK1_Amps_G_f32[0]	-12.0939999
CDD_MtrCurrK1_Amps_G_f32[1]	28.5163002
CDD_MtrCurrK2_Amps_G_f32[0]	-186.380997
CDD_MtrCurrK2_Amps_G_f32[1]	74.478302
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-162.828995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	39.721199
CDD_MtrCurrQax_Amp_G_f32[0]	-147.695007
CDD_MtrCurrQax_Amp_G_f32[1]	-48.7748985
CDD_MtrVoltDax_Volt_G_f32[0]	4.05999994
CDD_MtrVoltDax_Volt_G_f32[1]	1.10090005
CDD_MtrVoltQax_Volt_G_f32[0]	0.278800011
CDD_MtrVoltQax_Volt_G_f32[1]	2.72970009
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	0
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	50808
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	85507
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	35181
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	63762
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6363
CDD_PhaseAdvFinal_Cnt_G_u16[1]	24393
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	4727
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	34827
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	23592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32112
CDD_SysCVSwitchADC_Cnt_G_u16[0]	540
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4050
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	35389
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	47841

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.74839997	1.74839997 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.51970005	4.51970005 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.389999986	0.389999986 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.479980469	0.479995996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	31456	31456 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.449996948	0.449997008 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	18016	18016	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	23765	23765	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	25600	25600	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	43529	43529	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	3199	3199	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	20149	20149	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	14983	14983	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	0	0	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	50808	50808	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	35181	35181	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	596	596	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	398274560	398274560	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.359985352	0.36000061 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2382069760	2382069760	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-197.585999	-197.585999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-12.0939999	-12.0939999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-186.380997	-186.380997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-162.828995	-162.828995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-147.695007	-147.695007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.05999994	4.05999994 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.278800011	0.278800011 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	4727	4727	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.359985352	0.360000998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	540	540	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	35389	35389 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.39 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.419999987	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.569999993	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	33423	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	45219	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	31456	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	42597	
CDD_Die1RxError_Cnt_G_u16[0]	31316	
CDD_Die1RxError_Cnt_G_u16[1]	54151	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	12999	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	59900	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	24200	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	50365	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	44552	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	44287	
CDD_Die2RxError_Cnt_G_u16[0]	1799	
CDD_Die2RxError_Cnt_G_u16[1]	3899	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	113	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	60219	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	9648	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	49019	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	306522624	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	444150528	
CDD_MechMtrPos1_Rev_G_u0p16[0]	25520	
CDD_MechMtrPos1_Rev_G_u0p16[1]	34668	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1069040384	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3867474432	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	1.62020004	
CDD_MtrCurr1_Volts_G_f32[1]	1.8125	
CDD_MtrCurr2_Volts_G_f32[0]	0.594799995	
CDD_MtrCurr2_Volts_G_f32[1]	2.68540001	
CDD_MtrCurrDax_Amp_G_f32[0]	-71.5460968	
CDD_MtrCurrDax_Amp_G_f32[1]	53.8526001	
CDD_MtrCurrK1_Amps_G_f32[0]	-21.5149002	
CDD_MtrCurrK1_Amps_G_f32[1]	-7.3835001	
CDD_MtrCurrK2_Amps_G_f32[0]	-96.8824005	
CDD_MtrCurrK2_Amps_G_f32[1]	56.7790985	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-144.768005	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	31.3031006	
CDD_MtrCurrQax_Amp_G_f32[0]	95.4656982	
CDD_MtrCurrQax_Amp_G_f32[1]	220	
CDD_MtrVoltDax_Volt_G_f32[0]	4.97270012	
CDD_MtrVoltDax_Volt_G_f32[1]	1.16499996	
CDD_MtrVoltQax_Volt_G_f32[0]	3.94729996	
CDD_MtrVoltQax_Volt_G_f32[1]	4.44449997	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	200000	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	200000	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	81234	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	87643	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	104351	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	174039	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	1028	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	22993	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3327	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	29492	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	25559	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34734	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1371	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2798	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	37355	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	50462	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.8125	1.8125 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.68540001	2.68540001 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.569999993	0.569999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.689987183	0.690002024 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	45219	45219 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.649978638	0.649994016 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	54151	54151	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	59900	59900	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	50365	50365	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	44287	44287	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	3899	3899	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	60219	60219	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	49019	49019	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	200000	200000	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	87643	87643	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	174039	174039	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2155	2155	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	444150528	444150528	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.528991699	0.529006958 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3867474432	3867474432	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	53.8526001	53.8526001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-7.3835001	-7.3835001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	56.7790985	56.7790985 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	31.3031006	31.3031006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.16499996	1.16499996 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	4.44449997	4.44449997 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	29492	29492	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.529998779	0.529999018 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2798	2798	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	50462	50462 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.40 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.449999988
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.610000014
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	35388
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	47840
CDD_CumMechMtrPos_Rev_G_s15p16[0]	33423
CDD_CumMechMtrPos_Rev_G_s15p16[1]	45219
CDD_Die1RxError_Cnt_G_u16[0]	16881
CDD_Die1RxError_Cnt_G_u16[1]	42781
CDD_Die1RxMtrPos_Cnt_G_u16[0]	24465
CDD_Die1RxMtrPos_Cnt_G_u16[1]	40035
CDD_Die1RxRevCtr_Cnt_G_u16[0]	11599
CDD_Die1RxRevCtr_Cnt_G_u16[1]	54565
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	45575
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	45298
CDD_Die2RxError_Cnt_G_u16[0]	8099
CDD_Die2RxError_Cnt_G_u16[1]	54735
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6148
CDD_Die2RxMtrPos_Cnt_G_u16[1]	45784
CDD_Die2RxRevCtr_Cnt_G_u16[0]	13848
CDD_Die2RxRevCtr_Cnt_G_u16[1]	36419
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	719406336
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3775722496
CDD_MechMtrPos1_Rev_G_u0p16[0]	27520
CDD_MechMtrPos1_Rev_G_u0p16[1]	37355
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1464550400
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4062106880
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.466600001
CDD_MtrCurr1_Volts_G_f32[1]	2.19700003
CDD_MtrCurr2_Volts_G_f32[0]	0.866699994
CDD_MtrCurr2_Volts_G_f32[1]	3.23799992
CDD_MtrCurrDax_Amp_G_f32[0]	-205.223007
CDD_MtrCurrDax_Amp_G_f32[1]	-192.876007
CDD_MtrCurrK1_Amps_G_f32[0]	-106.303001
CDD_MtrCurrK1_Amps_G_f32[1]	20.8792992
CDD_MtrCurrK2_Amps_G_f32[0]	-194.018005
CDD_MtrCurrK2_Amps_G_f32[1]	-19.7310009
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	59.5658989
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	211.442993
CDD_MtrCurrQax_Amp_G_f32[0]	-142.983994
CDD_MtrCurrQax_Amp_G_f32[1]	-38.2112999
CDD_MtrVoltDax_Volt_G_f32[0]	3.81920004
CDD_MtrVoltDax_Volt_G_f32[1]	0.549499989
CDD_MtrVoltQax_Volt_G_f32[0]	2.62579989
CDD_MtrVoltQax_Volt_G_f32[1]	4.99700022
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	116715
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	63633
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	100461
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	189666
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	113414
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	192457
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5228
CDD_PhaseAdvFinal_Cnt_G_u16[1]	10393
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	33692
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	56263
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	27525
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	37355
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1556
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3175
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	41287
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	55705

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.19700003	2.19700003 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.23799992	3.23799992 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.610000014	0.610000014 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.729980469	0.729996026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	47840	47840 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.689987183	0.690002024 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	42781	42781	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	40035	40035	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	54565	54565	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	45298	45298	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	54735	54735	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	45784	45784	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	36419	36419	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	63633	63633	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	189666	189666	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	192457	192457	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	974	974	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3775722496	3775722496	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.569992065	0.570007324 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	4062106880	4062106880	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-192.876007	-192.876007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	20.8792992	20.8792992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-19.7310009	-19.7310009 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	211.442993	211.442993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-38.2112999	-38.2112999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.549499989	0.549499989 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	4.99700022	4.99700022 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	56263	56263	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.569992065	0.570007026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3175	3175	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	55705	55705 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.41 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.479999989	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.649999976	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	37355	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	50462	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3931	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	5897	
CDD_Die1RxError_Cnt_G_u16[0]	18981	
CDD_Die1RxError_Cnt_G_u16[1]	30616	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	664	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	36365	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	11864	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	44235	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	46598	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	46309	
CDD_Die2RxError_Cnt_G_u16[0]	45900	
CDD_Die2RxError_Cnt_G_u16[1]	55000	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	47884	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	59519	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	36684	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	51649	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	42395392	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	638782976	
CDD_MechMtrPos1_Rev_G_u0p16[0]	29360	
CDD_MechMtrPos1_Rev_G_u0p16[1]	39976	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3821598464	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4199734784	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	1.25119996	
CDD_MtrCurr1_Volts_G_f32[1]	2.08439994	
CDD_MtrCurr2_Volts_G_f32[0]	0.530700028	
CDD_MtrCurr2_Volts_G_f32[1]	1.05900002	
CDD_MtrCurrDax_Amp_G_f32[0]	-112.797997	
CDD_MtrCurrDax_Amp_G_f32[1]	-29.1518993	
CDD_MtrCurrK1_Amps_G_f32[0]	-165.755005	
CDD_MtrCurrK1_Amps_G_f32[1]	-104.518997	
CDD_MtrCurrK2_Amps_G_f32[0]	-179.886993	
CDD_MtrCurrK2_Amps_G_f32[1]	-101.593002	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-9.94849968	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	213.227005	
CDD_MtrCurrQax_Amp_G_f32[0]	-62.9062996	
CDD_MtrCurrQax_Amp_G_f32[1]	137.860001	
CDD_MtrVoltDax_Volt_G_f32[0]	3.01029992	
CDD_MtrVoltDax_Volt_G_f32[1]	3.8434	
CDD_MtrVoltQax_Volt_G_f32[0]	2.81800008	
CDD_MtrVoltQax_Volt_G_f32[1]	3.88330007	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	77771	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	186721	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	0	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	0	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	102215	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	119823	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	28063	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	43028	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	5957	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	56528	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	29491	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	39976	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1327	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1688	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43253	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	58327	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.25119996	1.25119996 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.530700028	0.530700028 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.479999989	0.479999989 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.569992065	0.570007026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.0599822998	0.0599975996 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	18981	18981	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	664	664	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	11864	11864	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	46598	46598	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	45900	45900	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	47884	47884	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	36684	36684	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	77771	77771	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	0	0	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	102215	102215	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2630	2630	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	42395392	42395392	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.447998047	0.447998047 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3821598464	3821598464	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-112.797997	-112.797997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-165.755005	-165.755005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-179.886993	-179.886993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-9.94849968	-9.94849968 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-62.9062996	-62.9062996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.01029992	3.01029992 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.81800008	2.81800008 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	5957	5957	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.449996948	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1327	1327	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	43253	43253 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.42 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.50999999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.689999998
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	27524
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	37355
CDD_CumMechMtrPos_Rev_G_s15p16[0]	5897
CDD_CumMechMtrPos_Rev_G_s15p16[1]	8519
CDD_Die1RxError_Cnt_G_u16[0]	36481
CDD_Die1RxError_Cnt_G_u16[1]	49516
CDD_Die1RxMtrPos_Cnt_G_u16[0]	31200
CDD_Die1RxMtrPos_Cnt_G_u16[1]	59635
CDD_Die1RxRevCtr_Cnt_G_u16[0]	18334
CDD_Die1RxRevCtr_Cnt_G_u16[1]	26034
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	47621
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	47320
CDD_Die2RxError_Cnt_G_u16[0]	27700
CDD_Die2RxError_Cnt_G_u16[1]	44065
CDD_Die2RxMtrPos_Cnt_G_u16[0]	12883
CDD_Die2RxMtrPos_Cnt_G_u16[1]	65384
CDD_Die2RxRevCtr_Cnt_G_u16[0]	25749
CDD_Die2RxRevCtr_Cnt_G_u16[1]	33449
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2003933440
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4217108480
CDD_MechMtrPos1_Rev_G_u0p16[0]	9829
CDD_MechMtrPos1_Rev_G_u0p16[1]	13762
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	765282304
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1051666688
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.08319998
CDD_MtrCurr1_Volts_G_f32[1]	3.9914999
CDD_MtrCurr2_Volts_G_f32[0]	2.26110005
CDD_MtrCurr2_Volts_G_f32[1]	2.66120005
CDD_MtrCurrDax_Amp_G_f32[0]	-73.330101
CDD_MtrCurrDax_Amp_G_f32[1]	176.324997
CDD_MtrCurrK1_Amps_G_f32[0]	-60.9826012
CDD_MtrCurrK1_Amps_G_f32[1]	152.772003
CDD_MtrCurrK2_Amps_G_f32[0]	-62.1251984
CDD_MtrCurrK2_Amps_G_f32[1]	25.5897999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-184.235992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-132.421005
CDD_MtrCurrQax_Amp_G_f32[0]	-97.6633987
CDD_MtrCurrQax_Amp_G_f32[1]	93.6818008
CDD_MtrVoltDax_Volt_G_f32[0]	1.34399998
CDD_MtrVoltDax_Volt_G_f32[1]	2.84229994
CDD_MtrVoltQax_Volt_G_f32[0]	4.42019987
CDD_MtrVoltQax_Volt_G_f32[1]	0.613600016
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	57735
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	170958
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	13009
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	173230
CDD_PhaseAdvFinal_Cnt_G_u16[0]	17128
CDD_PhaseAdvFinal_Cnt_G_u16[1]	24828
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	45593
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	53293
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	31457
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	42598
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2781
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3596
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	655

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.9914999	3.9914999 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.66120005	2.66120005 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.689999998	0.689999998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.569992065	0.570007026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.129989624	0.130005002 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	49516	49516	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	59635	59635	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	26034	26034	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	47320	47320	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	44065	44065	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	65384	65384	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	33449	33449	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	170958	170958	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	200000	200000	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	173230	173230	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2327	2327	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4217108480	4217108480	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.209991455	0.210006714 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1051666688	1051666688	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	176.324997	176.324997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	152.772003	152.772003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	25.5897999	25.5897999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-132.421005	-132.421005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	93.6818008	93.6818008 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.84229994	2.84229994 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.613600016	0.613600016 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	53293	53293	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.649993896	0.649994016 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3596	3596	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	655	655 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.43 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.540000021
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.730000019
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	29490
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	39976
CDD_CumMechMtrPos_Rev_G_s15p16[0]	7864
CDD_CumMechMtrPos_Rev_G_s15p16[1]	11140
CDD_Die1RxError_Cnt_G_u16[0]	27381
CDD_Die1RxError_Cnt_G_u16[1]	27816
CDD_Die1RxMtrPos_Cnt_G_u16[0]	9064
CDD_Die1RxMtrPos_Cnt_G_u16[1]	33565
CDD_Die1RxRevCtr_Cnt_G_u16[0]	20265
CDD_Die1RxRevCtr_Cnt_G_u16[1]	41435
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	48644
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	48331
CDD_Die2RxError_Cnt_G_u16[0]	43100
CDD_Die2RxError_Cnt_G_u16[1]	63400
CDD_Die2RxMtrPos_Cnt_G_u16[0]	56284
CDD_Die2RxMtrPos_Cnt_G_u16[1]	56719
CDD_Die2RxRevCtr_Cnt_G_u16[0]	45084
CDD_Die2RxRevCtr_Cnt_G_u16[1]	48849
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1189294592
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4153858816
CDD_MechMtrPos1_Rev_G_u0p16[0]	11795
CDD_MechMtrPos1_Rev_G_u0p16[1]	16384
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	455279104
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3638094592
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.994899988
CDD_MtrCurr1_Volts_G_f32[1]	2.85339999
CDD_MtrCurr2_Volts_G_f32[0]	0.274399996
CDD_MtrCurr2_Volts_G_f32[1]	1.82799995
CDD_MtrCurrDax_Amp_G_f32[0]	-131.639999
CDD_MtrCurrDax_Amp_G_f32[1]	27.3736992
CDD_MtrCurrK1_Amps_G_f32[0]	-184.597
CDD_MtrCurrK1_Amps_G_f32[1]	-47.9938011
CDD_MtrCurrK2_Amps_G_f32[0]	-123.361
CDD_MtrCurrK2_Amps_G_f32[1]	-120.434998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-171.246994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-28.7903004
CDD_MtrCurrQax_Amp_G_f32[0]	-81.7481003
CDD_MtrCurrQax_Amp_G_f32[1]	194.384995
CDD_MtrVoltDax_Volt_G_f32[0]	2.75390005
CDD_MtrVoltDax_Volt_G_f32[1]	4.61250019
CDD_MtrVoltQax_Volt_G_f32[0]	3.58710003
CDD_MtrVoltQax_Volt_G_f32[1]	3.62689996
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	103406
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	178176
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	168766
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3207
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	93670
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	145458
CDD_PhaseAdvFinal_Cnt_G_u16[0]	36463
CDD_PhaseAdvFinal_Cnt_G_u16[1]	40228
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3157
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	64928
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	33423
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	45219
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1152
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2213
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	1966
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	3276

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.994899988	0.994899988 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.274399996	0.274399996 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.540000021	0.540000021 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.449981689	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	29490	29490 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.119995117	0.119994998 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	27381	27381	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	9064	9064	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	20265	20265	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	48644	48644	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	43100	43100	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	56284	56284	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	45084	45084	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	103406	103406	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	168766	168766	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	93670	93670	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2725	-2725	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1189294592	1189294592	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.179977417	0.179992676 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	455279104	455279104	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-131.639999	-131.639999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-184.597	-184.597 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-123.361	-123.361 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-171.246994	-171.246994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-81.7481003	-81.7481003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.75390005	2.75390005 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.58710003	3.58710003 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	3157	3157	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.509994507	0.509994984 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1152	1152	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	1966	1966 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.44 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.569999993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.769999981
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	23592
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32112
CDD_CumMechMtrPos_Rev_G_s15p16[0]	9829
CDD_CumMechMtrPos_Rev_G_s15p16[1]	13762
CDD_Die1RxError_Cnt_G_u16[0]	11280
CDD_Die1RxError_Cnt_G_u16[1]	11450
CDD_Die1RxMtrPos_Cnt_G_u16[0]	34435
CDD_Die1RxMtrPos_Cnt_G_u16[1]	41265
CDD_Die1RxRevCtr_Cnt_G_u16[0]	28400
CDD_Die1RxRevCtr_Cnt_G_u16[1]	48965
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	49667
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	49342
CDD_Die2RxError_Cnt_G_u16[0]	2499
CDD_Die2RxError_Cnt_G_u16[1]	5999
CDD_Die2RxMtrPos_Cnt_G_u16[0]	22949
CDD_Die2RxMtrPos_Cnt_G_u16[1]	40184
CDD_Die2RxRevCtr_Cnt_G_u16[0]	8248
CDD_Die2RxRevCtr_Cnt_G_u16[1]	53219
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	352398592
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	581778432
CDD_MechMtrPos1_Rev_G_u0p16[0]	13762
CDD_MechMtrPos1_Rev_G_u0p16[1]	19004
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2554445056
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2565573632
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.68429995
CDD_MtrCurr1_Volts_G_f32[1]	2.00480008
CDD_MtrCurr2_Volts_G_f32[0]	4.76049995
CDD_MtrCurr2_Volts_G_f32[1]	4.77610016
CDD_MtrCurrDax_Amp_G_f32[0]	-79.8244019
CDD_MtrCurrDax_Amp_G_f32[1]	198.093002
CDD_MtrCurrK1_Amps_G_f32[0]	-16.8043995
CDD_MtrCurrK1_Amps_G_f32[1]	6.74790001
CDD_MtrCurrK2_Amps_G_f32[0]	209.298004
CDD_MtrCurrK2_Amps_G_f32[1]	210.440994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-116.504997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	21.8820992
CDD_MtrCurrQax_Amp_G_f32[0]	-75.8949966
CDD_MtrCurrQax_Amp_G_f32[1]	-29.9330006
CDD_MtrVoltDax_Volt_G_f32[0]	1.03680003
CDD_MtrVoltDax_Volt_G_f32[1]	2.35730004
CDD_MtrVoltQax_Volt_G_f32[0]	0.535099983
CDD_MtrVoltQax_Volt_G_f32[1]	2.11310005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1674
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	127714
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	83371
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	94052
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	0
CDD_PhaseAdvFinal_Cnt_G_u16[0]	27193
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65164
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	7527
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	28092
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	35389
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	47841
CDD_SysCVSwitchADC_Cnt_G_u16[0]	129
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1206
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	3932
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	5898

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.00480008	2.00480008 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.77610016	4.77610016 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.769999981	0.769999981 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.489990234	0.490004987 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	32112	32112 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.209991455	0.210006997 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	11450	11450	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	41265	41265	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	48965	48965	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	49342	49342	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	5999	5999	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	40184	40184	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	53219	53219	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	127714	127714	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	94052	94052	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	0	0	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-34	-34	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	581778432	581778432	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.289978027	0.289993286 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2565573632	2565573632	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	198.093002	198.093002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	6.74790001	6.74790001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	210.440994	210.440994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	21.8820992	21.8820992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-29.9330006	-29.9330006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.35730004	2.35730004 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.11310005	2.11310005 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	28092	28092	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.729995728	0.729996026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1206	1206	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	5898	5898 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.45 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.629999995	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.850000024	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	13762	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	19004	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	11796	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	16384	
CDD_Die1RxError_Cnt_G_u16[0]	45751	
CDD_Die1RxError_Cnt_G_u16[1]	56516	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	38200	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	51500	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	41965	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	49400	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	50690	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	50353	
CDD_Die2RxError_Cnt_G_u16[0]	27000	
CDD_Die2RxError_Cnt_G_u16[1]	61035	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	19883	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	57249	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	1248	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8683	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1958057472	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4188606208	
CDD_MechMtrPos1_Rev_G_u0p16[0]	15728	
CDD_MechMtrPos1_Rev_G_u0p16[1]	21626	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	518528768	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1224041984	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	1.04340005	
CDD_MtrCurr1_Volts_G_f32[1]	3.92740011	
CDD_MtrCurr2_Volts_G_f32[0]	1.91639996	
CDD_MtrCurr2_Volts_G_f32[1]	2.90199995	
CDD_MtrCurrDax_Amp_G_f32[0]	-217.570999	
CDD_MtrCurrDax_Amp_G_f32[1]	-128.072006	
CDD_MtrCurrK1_Amps_G_f32[0]	-63.9090996	
CDD_MtrCurrK1_Amps_G_f32[1]	148.061996	
CDD_MtrCurrK2_Amps_G_f32[0]	0.253500015	
CDD_MtrCurrK2_Amps_G_f32[1]	72.694397	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-25.2224998	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	24.8087006	
CDD_MtrCurrQax_Amp_G_f32[0]	-50.5587997	
CDD_MtrCurrQax_Amp_G_f32[1]	38.9401016	
CDD_MtrVoltDax_Volt_G_f32[0]	1.27989995	
CDD_MtrVoltDax_Volt_G_f32[1]	4.39599991	
CDD_MtrVoltQax_Volt_G_f32[0]	0.254500002	
CDD_MtrVoltQax_Volt_G_f32[1]	3.67540002	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	32909	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	192321	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	62008	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	158140	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	200000	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	200000	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	62	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	58163	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	21092	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	28527	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	37355	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	50462	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2273	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4034	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	5898	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8519	

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.92740011	3.92740011 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.90199995	2.90199995 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.850000024	0.850000024 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.289978027	0.289992988 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	19004	19004 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.25	0.25 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	56516	56516	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	51500	51500	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	49400	49400	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	50353	50353	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	61035	61035	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	57249	57249	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	8683	8683	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	192321	192321	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	158140	158140	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	200000	200000	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-691	-691	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4188606208	4188606208	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.329986572	0.330001831 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1224041984	1224041984	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-128.072006	-128.072006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	148.061996	148.061996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	72.694397	72.694397 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	24.8087006	24.8087006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	38.9401016	38.9401016 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.39599991	4.39599991 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.67540002	3.67540002 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	28527	28527	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.769989014	0.770003974 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	4034	4034	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	8519	8519 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.46 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.660000026
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.889999986
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15728
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	21626
CDD_CumMechMtrPos_Rev_G_s15p16[0]	41287
CDD_CumMechMtrPos_Rev_G_s15p16[1]	55705
CDD_Die1RxError_Cnt_G_u16[0]	6815
CDD_Die1RxError_Cnt_G_u16[1]	42251
CDD_Die1RxMtrPos_Cnt_G_u16[0]	12564
CDD_Die1RxMtrPos_Cnt_G_u16[1]	23934
CDD_Die1RxRevCtr_Cnt_G_u16[0]	44500
CDD_Die1RxRevCtr_Cnt_G_u16[1]	59200
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	51713
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	51364
CDD_Die2RxError_Cnt_G_u16[0]	36800
CDD_Die2RxError_Cnt_G_u16[1]	46165
CDD_Die2RxMtrPos_Cnt_G_u16[0]	35719
CDD_Die2RxMtrPos_Cnt_G_u16[1]	53749
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3783
CDD_Die2RxRevCtr_Cnt_G_u16[1]	18483
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	59769088
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2600321024
CDD_MechMtrPos1_Rev_G_u0p16[0]	17694
CDD_MechMtrPos1_Rev_G_u0p16[1]	24247
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	289148928
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2261815552
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	1.27550006
CDD_MtrCurr1_Volts_G_f32[1]	4.82460022
CDD_MtrCurr2_Volts_G_f32[0]	1.59599996
CDD_MtrCurr2_Volts_G_f32[1]	4.35169983
CDD_MtrCurrDax_Amp_G_f32[0]	50.9259987
CDD_MtrCurrDax_Amp_G_f32[1]	127.435997
CDD_MtrCurrK1_Amps_G_f32[0]	-46.8512001
CDD_MtrCurrK1_Amps_G_f32[1]	214.007996
CDD_MtrCurrK2_Amps_G_f32[0]	-23.2987995
CDD_MtrCurrK2_Amps_G_f32[1]	179.251007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-8.16460037
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	90.7552032
CDD_MtrCurrQax_Amp_G_f32[0]	-146.552002
CDD_MtrCurrQax_Amp_G_f32[1]	217.938004
CDD_MtrVoltDax_Volt_G_f32[0]	2.17709994
CDD_MtrVoltDax_Volt_G_f32[1]	3.03460002
CDD_MtrVoltQax_Volt_G_f32[0]	1.70430005
CDD_MtrVoltQax_Volt_G_f32[1]	3.35500002
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	95670
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	114088
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	98460
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	127041
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	87858
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	157480
CDD_PhaseAdvFinal_Cnt_G_u16[0]	9863
CDD_PhaseAdvFinal_Cnt_G_u16[1]	60698
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	23627
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	38327
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	41287
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	55705
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2054
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3936
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	7864
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	11141

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.27550006	1.27550006 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.59599996	1.59599996 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.660000026	0.660000026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.239990234	0.240005001 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	15728	15728 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.629989624	0.630005002 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	6815	6815	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	12564	12564	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	44500	44500	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	51713	51713	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	36800	36800	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	35719	35719	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	3783	3783	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	95670	95670	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	98460	98460	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	87858	87858	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	924	924	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	59769088	59769088	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.269989014	0.270004272 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	289148928	289148928	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	50.9259987	50.9259987 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-46.8512001	-46.8512001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-23.2987995	-23.2987995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-8.16460037	-8.16460037 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-146.552002	-146.552002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.17709994	2.17709994 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.70430005	1.70430005 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	23627	23627	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.629989624	0.630005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2054	2054	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	7864	7864 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.47 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.00999999978
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	17694
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24247
CDD_CumMechMtrPos_Rev_G_s15p16[0]	43253
CDD_CumMechMtrPos_Rev_G_s15p16[1]	58327
CDD_Die1RxError_Cnt_G_u16[0]	1480
CDD_Die1RxError_Cnt_G_u16[1]	40851
CDD_Die1RxMtrPos_Cnt_G_u16[0]	22534
CDD_Die1RxMtrPos_Cnt_G_u16[1]	24634
CDD_Die1RxRevCtr_Cnt_G_u16[0]	15099
CDD_Die1RxRevCtr_Cnt_G_u16[1]	33735
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	52736
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	52375
CDD_Die2RxError_Cnt_G_u16[0]	16765
CDD_Die2RxError_Cnt_G_u16[1]	59465
CDD_Die2RxMtrPos_Cnt_G_u16[0]	30384
CDD_Die2RxMtrPos_Cnt_G_u16[1]	52349
CDD_Die2RxRevCtr_Cnt_G_u16[0]	39919
CDD_Die2RxRevCtr_Cnt_G_u16[1]	41149
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	931412480
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2427945728
CDD_MechMtrPos1_Rev_G_u0p16[0]	19660
CDD_MechMtrPos1_Rev_G_u0p16[1]	26869
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	197396992
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1912181504
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	2.49320006
CDD_MtrCurr1_Volts_G_f32[1]	4.58379984
CDD_MtrCurr2_Volts_G_f32[0]	1.46780002
CDD_MtrCurr2_Volts_G_f32[1]	3.86330009
CDD_MtrCurrDax_Amp_G_f32[0]	118.014999
CDD_MtrCurrDax_Amp_G_f32[1]	132.147003
CDD_MtrCurrK1_Amps_G_f32[0]	42.6477013
CDD_MtrCurrK1_Amps_G_f32[1]	79.188797
CDD_MtrCurrK2_Amps_G_f32[0]	-32.7196999
CDD_MtrCurrK2_Amps_G_f32[1]	143.350998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-206.003998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-80.6054993
CDD_MtrCurrQax_Amp_G_f32[0]	-155.973007
CDD_MtrCurrQax_Amp_G_f32[1]	-141.841995
CDD_MtrVoltDax_Volt_G_f32[0]	0.342900008
CDD_MtrVoltDax_Volt_G_f32[1]	4.25220013
CDD_MtrVoltQax_Volt_G_f32[0]	1.21580005
CDD_MtrVoltQax_Volt_G_f32[1]	3.22679996
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	91398
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	97806
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	37317
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	167630
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	66416
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	133450
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	59763
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	60993
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43253
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	58327
CDD_SysCVSwitchADC_Cnt_G_u16[0]	594
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1967
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	9830
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	13762

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.58379984	4.58379984 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.86330009	3.86330009 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.00999999978	0.00999999978 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.369979858	0.369994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	24247	24247 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.88999939	0.889998972 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	40851	40851	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	24634	24634	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	33735	33735	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	52375	52375	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	59465	59465	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	52349	52349	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	41149	41149	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	97806	97806	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	167630	167630	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	133450	133450	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	0	0	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2427945728	2427945728	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.409988403	0.410003662 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1912181504	1912181504	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	132.147003	132.147003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	79.188797	79.188797 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	143.350998	143.350998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-80.6054993	-80.6054993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-141.841995	-141.841995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.25220013	4.25220013 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.22679996	3.22679996 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	60993	60993	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.88999939	0.889998972 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1967	1967	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.48 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0299999993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.0500000007
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	19660
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26869
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	64999
CDD_Die1RxError_Cnt_G_u16[0]	5680
CDD_Die1RxError_Cnt_G_u16[1]	28251
CDD_Die1RxMtrPos_Cnt_G_u16[0]	28835
CDD_Die1RxMtrPos_Cnt_G_u16[1]	58065
CDD_Die1RxRevCtr_Cnt_G_u16[0]	43365
CDD_Die1RxRevCtr_Cnt_G_u16[1]	45200
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	53759
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	53386
CDD_Die2RxError_Cnt_G_u16[0]	22800
CDD_Die2RxError_Cnt_G_u16[1]	62435
CDD_Die2RxMtrPos_Cnt_G_u16[0]	34584
CDD_Die2RxMtrPos_Cnt_G_u16[1]	39749
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2648
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4483
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1682801664
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4280358144
CDD_MechMtrPos1_Rev_G_u0p16[0]	21626
CDD_MechMtrPos1_Rev_G_u0p16[1]	29490
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2187437312
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3666596864
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	1.17159998
CDD_MtrCurr1_Volts_G_f32[1]	3.54290009
CDD_MtrCurr2_Volts_G_f32[0]	0.314200014
CDD_MtrCurr2_Volts_G_f32[1]	4.24779987
CDD_MtrCurrDax_Amp_G_f32[0]	33.226799
CDD_MtrCurrDax_Amp_G_f32[1]	160.408997
CDD_MtrCurrK1_Amps_G_f32[0]	-54.4882011
CDD_MtrCurrK1_Amps_G_f32[1]	119.799004
CDD_MtrCurrK2_Amps_G_f32[0]	-117.508003
CDD_MtrCurrK2_Amps_G_f32[1]	171.613998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-15.8016005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-3.45409989
CDD_MtrCurrQax_Amp_G_f32[0]	-113.579002
CDD_MtrCurrQax_Amp_G_f32[1]	83.1182022
CDD_MtrVoltDax_Volt_G_f32[0]	0.895399988
CDD_MtrVoltDax_Volt_G_f32[1]	4.52409983
CDD_MtrVoltQax_Volt_G_f32[0]	1.60039997
CDD_MtrVoltQax_Volt_G_f32[1]	2.07319999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	52945
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	110624
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	55735
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	176694
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	79234
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	94997
CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	22492
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	24327
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	655
CDD_SysCVSwitchADC_Cnt_G_u16[0]	856
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1179
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	11796
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16384

Name	Input Value
NxtrMEC_UIs_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.17159998	1.17159998 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.314200014	0.314200014 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0299999993	0.0299999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.299987793	0.300002992 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	19660	19660 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0	0 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	5680	5680	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	28835	28835	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	43365	43365	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	53759	53759	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	22800	22800	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	34584	34584	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	2648	2648	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	52945	52945	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	55735	55735	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	79234	79234	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	0	0	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1682801664	1682801664	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.329986572	0.330001831 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2187437312	2187437312	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	33.226799	33.226799 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-54.4882011	-54.4882011 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-117.508003	-117.508003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-15.8016005	-15.8016005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-113.579002	-113.579002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.895399988	0.895399988 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.60039997	1.60039997 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	22492	22492	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	856	856	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	11796	11796 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.49 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0599999987
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.0900000036
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	21626
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	29490
CDD_CumMechMtrPos_Rev_G_s15p16[0]	13762
CDD_CumMechMtrPos_Rev_G_s15p16[1]	19004
CDD_Die1RxError_Cnt_G_u16[0]	28516
CDD_Die1RxError_Cnt_G_u16[1]	43481
CDD_Die1RxMtrPos_Cnt_G_u16[0]	1099
CDD_Die1RxMtrPos_Cnt_G_u16[1]	10199
CDD_Die1RxRevCtr_Cnt_G_u16[0]	21399
CDD_Die1RxRevCtr_Cnt_G_u16[1]	57100
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	54782
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	54397
CDD_Die2RxError_Cnt_G_u16[0]	58765
CDD_Die2RxError_Cnt_G_u16[1]	64535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6848
CDD_Die2RxMtrPos_Cnt_G_u16[1]	57419
CDD_Die2RxRevCtr_Cnt_G_u16[0]	16383
CDD_Die2RxRevCtr_Cnt_G_u16[1]	46219
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	123018752
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	885536512
CDD_MechMtrPos1_Rev_G_u0p16[0]	23592
CDD_MechMtrPos1_Rev_G_u0p16[1]	32112
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1510426368
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3683970560
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.36389995
CDD_MtrCurr1_Volts_G_f32[1]	2.42910004
CDD_MtrCurr2_Volts_G_f32[0]	0.338499993
CDD_MtrCurr2_Volts_G_f32[1]	3.30209994
CDD_MtrCurrDax_Amp_G_f32[0]	-26.2254009
CDD_MtrCurrDax_Amp_G_f32[1]	35.0107002
CDD_MtrCurrK1_Amps_G_f32[0]	-40.3568001
CDD_MtrCurrK1_Amps_G_f32[1]	37.9373016
CDD_MtrCurrK2_Amps_G_f32[0]	-115.723999
CDD_MtrCurrK2_Amps_G_f32[1]	-15.0205002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-163.610001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	76.6238022
CDD_MtrCurrQax_Amp_G_f32[0]	140.785995
CDD_MtrCurrQax_Amp_G_f32[1]	202.022995
CDD_MtrVoltDax_Volt_G_f32[0]	4.18809986
CDD_MtrVoltDax_Volt_G_f32[1]	4.71640015
CDD_MtrVoltQax_Volt_G_f32[0]	3.69099998
CDD_MtrVoltQax_Volt_G_f32[1]	1.06110001
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	79098
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	106870
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	165494
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	183102
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	95806
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	194593
CDD_PhaseAdvFinal_Cnt_G_u16[0]	37813
CDD_PhaseAdvFinal_Cnt_G_u16[1]	42201
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	527
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	36227
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	1966
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	3276
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1196
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3219
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	13762
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	19005

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.36389995	1.36389995 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.338499993	0.338499993 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0599999987	0.0599999987 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.209991455	0.210006997 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	28516	28516	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	1099	1099	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	21399	21399	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	54782	54782	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	58765	58765	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	6848	6848	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	16383	16383	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	79098	79098	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	165494	165494	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	95806	95806	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2599	-2599	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	123018752	123018752	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.359985352	0.36000061 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1510426368	1510426368	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-26.2254009	-26.2254009 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-40.3568001	-40.3568001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-115.723999	-115.723999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-163.610001	-163.610001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	140.785995	140.785995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.18809986	4.18809986 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.69099998	3.69099998 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	527	527	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0299987793	0.0299987998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1196	1196	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.50 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0900000036	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.129999995	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	23592	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32112	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	15728	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	21626	
CDD_Die1RxError_Cnt_G_u16[0]	17581	
CDD_Die1RxError_Cnt_G_u16[1]	25281	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	48435	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	64800	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	14834	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	51935	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	55805	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	55408	
CDD_Die2RxError_Cnt_G_u16[0]	16499	
CDD_Die2RxError_Cnt_G_u16[1]	29535	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	46484	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	54184	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	22249	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	59349	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1269917952	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2124187648	
CDD_MechMtrPos1_Rev_G_u0p16[0]	0	
CDD_MechMtrPos1_Rev_G_u0p16[1]	0	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	317651200	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4107982848	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	2.96609998	
CDD_MtrCurr1_Volts_G_f32[1]	4.15950012	
CDD_MtrCurr2_Volts_G_f32[0]	0.930800021	
CDD_MtrCurr2_Volts_G_f32[1]	1.6358	
CDD_MtrCurrDax_Amp_G_f32[0]	-148.697006	
CDD_MtrCurrDax_Amp_G_f32[1]	-38.5728989	
CDD_MtrCurrK1_Amps_G_f32[0]	77.4048996	
CDD_MtrCurrK1_Amps_G_f32[1]	165.119995	
CDD_MtrCurrK2_Amps_G_f32[0]	-189.307999	
CDD_MtrCurrK2_Amps_G_f32[1]	-137.492996	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-207.787994	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	41.8666992	
CDD_MtrCurrQax_Amp_G_f32[0]	18.3143005	
CDD_MtrCurrQax_Amp_G_f32[1]	128.438995	
CDD_MtrVoltDax_Volt_G_f32[0]	0.318599999	
CDD_MtrVoltDax_Volt_G_f32[1]	1.51199996	
CDD_MtrVoltQax_Volt_G_f32[0]	2.68989992	
CDD_MtrVoltQax_Volt_G_f32[1]	3.39479995	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	73498	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	170440	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	23172	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	36508	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	115551	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	139050	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	13628	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	50728	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	13657	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	42093	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	3932	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	5898	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1600	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2081	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15728	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	21626	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.15950012	4.15950012 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.6358	1.6358 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.129999995	0.129999995 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.489990234	0.490004987 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	32112	32112 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.329986572	0.33000201 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	25281	25281	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	64800	64800	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	51935	51935	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	55408	55408	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	29535	29535	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	54184	54184	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	59349	59349	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	170440	170440	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	36508	36508	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	139050	139050	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1388	-1388	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2124187648	2124187648	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0	0 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	4107982848	4107982848	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-38.5728989	-38.5728989 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	165.119995	165.119995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-137.492996	-137.492996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	41.8666992	41.8666992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	128.438995	128.438995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.51199996	1.51199996 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.39479995	3.39479995 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	42093	42093	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0899963379	0.0899963006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2081	2081	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.51 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.119999997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.170000002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	25558
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34733
CDD_CumMechMtrPos_Rev_G_s15p16[0]	17694
CDD_CumMechMtrPos_Rev_G_s15p16[1]	24247
CDD_Die1RxError_Cnt_G_u16[0]	36916
CDD_Die1RxError_Cnt_G_u16[1]	40681
CDD_Die1RxMtrPos_Cnt_G_u16[0]	18599
CDD_Die1RxMtrPos_Cnt_G_u16[1]	63835
CDD_Die1RxRevCtr_Cnt_G_u16[0]	29800
CDD_Die1RxRevCtr_Cnt_G_u16[1]	54300
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	56828
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	56419
CDD_Die2RxError_Cnt_G_u16[0]	7399
CDD_Die2RxError_Cnt_G_u16[1]	55965
CDD_Die2RxMtrPos_Cnt_G_u16[0]	283
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4048
CDD_Die2RxRevCtr_Cnt_G_u16[0]	13583
CDD_Die2RxRevCtr_Cnt_G_u16[1]	54619
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	673530368
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	702032640
CDD_MechMtrPos1_Rev_G_u0p16[0]	65534
CDD_MechMtrPos1_Rev_G_u0p16[1]	65534
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1326922496
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4234482176
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	2.1329
CDD_MtrCurr1_Volts_G_f32[1]	2.17269993
CDD_MtrCurr2_Volts_G_f32[0]	1.10749996
CDD_MtrCurr2_Volts_G_f32[1]	3.04570007
CDD_MtrCurrDax_Amp_G_f32[0]	-45.0671997
CDD_MtrCurrDax_Amp_G_f32[1]	91.5363007
CDD_MtrCurrK1_Amps_G_f32[0]	16.1688004
CDD_MtrCurrK1_Amps_G_f32[1]	19.0953999
CDD_MtrCurrK2_Amps_G_f32[0]	-59.1987
CDD_MtrCurrK2_Amps_G_f32[1]	-33.8624001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-107.084
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	57.7820015
CDD_MtrCurrQax_Amp_G_f32[0]	-182.451996
CDD_MtrCurrQax_Amp_G_f32[1]	121.945
CDD_MtrVoltDax_Volt_G_f32[0]	3.93179989
CDD_MtrVoltDax_Volt_G_f32[1]	1.48549998
CDD_MtrVoltQax_Volt_G_f32[0]	4.46000004
CDD_MtrVoltQax_Volt_G_f32[1]	4.80480003
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	70553
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	132505
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	8737
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	156949
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	174557
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	186048
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4963
CDD_PhaseAdvFinal_Cnt_G_u16[1]	28593
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	8927
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	33427
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	5898
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8519
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2809
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3044
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	17694
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24248

Name	Input Value
NxtrMEC_UIs_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_UIs_f32	target_CDDInterface9_Per1_ModIdxFinal_UIs_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.1329	2.1329 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.10749996	1.10749996 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.119999997	0.119999997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.389984131	0.389999002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	25558	25558 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.269989014	0.270004004 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	36916	36916	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	18599	18599	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	29800	29800	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	56828	56828	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	7399	7399	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	283	283	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	13583	13583	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	70553	70553	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	8737	8737	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	174557	174557	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	465	465	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	673530368	673530368	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.999969482	0.999984741 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1326922496	1326922496	✔
target_CDDInterface9_Per1_ModIdxFinal_UIs_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-45.0671997	-45.0671997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	16.1688004	16.1688004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-59.1987	-59.1987 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-107.084	-107.084 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-182.451996	-182.451996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.93179989	3.93179989 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	4.46000004	4.46000004 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	8927	8927	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0899963379	0.0899963006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2809	2809	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	17694	17694 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.52 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.150000006
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.209999993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	27524
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	37355
CDD_CumMechMtrPos_Rev_G_s15p16[0]	19660
CDD_CumMechMtrPos_Rev_G_s15p16[1]	26869
CDD_Die1RxError_Cnt_G_u16[0]	80
CDD_Die1RxError_Cnt_G_u16[1]	45051
CDD_Die1RxMtrPos_Cnt_G_u16[0]	23234
CDD_Die1RxMtrPos_Cnt_G_u16[1]	26734
CDD_Die1RxRevCtr_Cnt_G_u16[0]	37765
CDD_Die1RxRevCtr_Cnt_G_u16[1]	62000
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	57851
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	57430
CDD_Die2RxError_Cnt_G_u16[0]	39600
CDD_Die2RxError_Cnt_G_u16[1]	56835
CDD_Die2RxMtrPos_Cnt_G_u16[0]	28984
CDD_Die2RxMtrPos_Cnt_G_u16[1]	56549
CDD_Die2RxRevCtr_Cnt_G_u16[0]	21283
CDD_Die2RxRevCtr_Cnt_G_u16[1]	62584
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3913350400
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3924478976
CDD_MechMtrPos1_Rev_G_u0p16[0]	29490
CDD_MechMtrPos1_Rev_G_u0p16[1]	39976
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	472652800
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1820429568
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0.658900023
CDD_MtrCurr1_Volts_G_f32[1]	0.674499989
CDD_MtrCurr2_Volts_G_f32[0]	1.85230005
CDD_MtrCurr2_Volts_G_f32[1]	3.73510003
CDD_MtrCurrDax_Amp_G_f32[0]	122.725998
CDD_MtrCurrDax_Amp_G_f32[1]	146.278
CDD_MtrCurrK1_Amps_G_f32[0]	-208.149994
CDD_MtrCurrK1_Amps_G_f32[1]	-92.1718979
CDD_MtrCurrK2_Amps_G_f32[0]	-4.45690012
CDD_MtrCurrK2_Amps_G_f32[1]	133.929993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-53.4852982
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	109.597
CDD_MtrCurrQax_Amp_G_f32[0]	-151.261993
CDD_MtrCurrQax_Amp_G_f32[1]	-127.709999
CDD_MtrVoltDax_Volt_G_f32[0]	2.43350005
CDD_MtrVoltDax_Volt_G_f32[1]	4.01140022
CDD_MtrVoltQax_Volt_G_f32[0]	1.08770001
CDD_MtrVoltQax_Volt_G_f32[1]	3.61139989
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	93534
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	104215
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	106487
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	107005
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	62144
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	146268
CDD_PhaseAdvFinal_Cnt_G_u16[0]	12663
CDD_PhaseAdvFinal_Cnt_G_u16[1]	53963
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	16892
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	41127
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	7864
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	11141
CDD_SysCVSwitchADC_Cnt_G_u16[0]	506
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2229
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	19660
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26869

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.658900023	0.658900023 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.85230005	1.85230005 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.150000006	0.150000006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.41998291	0.41999799 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	27524	27524 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.299987793	0.300002992 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	80	80	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	23234	23234	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	37765	37765	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	57851	57851	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	39600	39600	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	28984	28984	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	21283	21283	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	93534	93534	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	106487	106487	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	62144	62144	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1187	1187	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3913350400	3913350400	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.449981689	0.449996948 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	472652800	472652800	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	122.725998	122.725998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-208.149994	-208.149994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-4.45690012	-4.45690012 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-53.4852982	-53.4852982 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-151.261993	-151.261993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.43350005	2.43350005 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.08770001	1.08770001 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	16892	16892	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.119995117	0.119994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	506	506	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	19660	19660 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.53 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.180000007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	29490
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	39976
CDD_CumMechMtrPos_Rev_G_s15p16[0]	21626
CDD_CumMechMtrPos_Rev_G_s15p16[1]	29490
CDD_Die1RxError_Cnt_G_u16[0]	515
CDD_Die1RxError_Cnt_G_u16[1]	58616
CDD_Die1RxMtrPos_Cnt_G_u16[0]	16234
CDD_Die1RxMtrPos_Cnt_G_u16[1]	47735
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6699
CDD_Die1RxRevCtr_Cnt_G_u16[1]	58935
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	58874
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	58441
CDD_Die2RxError_Cnt_G_u16[0]	8364
CDD_Die2RxError_Cnt_G_u16[1]	36535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	21983
CDD_Die2RxMtrPos_Cnt_G_u16[1]	29418
CDD_Die2RxRevCtr_Cnt_G_u16[0]	18218
CDD_Die2RxRevCtr_Cnt_G_u16[1]	31518
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	0
CDD_MechMtrPos1_Rev_G_u0p16[0]	31456
CDD_MechMtrPos1_Rev_G_u0p16[1]	42597
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1361669888
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1848931840
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	3.81480002
CDD_MtrCurr1_Volts_G_f32[1]	4.80039978
CDD_MtrCurr2_Volts_G_f32[0]	3.0941999
CDD_MtrCurr2_Volts_G_f32[1]	3.77489996
CDD_MtrCurrDax_Amp_G_f32[0]	-153.408005
CDD_MtrCurrDax_Amp_G_f32[1]	75.6210022
CDD_MtrCurrK1_Amps_G_f32[0]	22.6632004
CDD_MtrCurrK1_Amps_G_f32[1]	212.225006
CDD_MtrCurrK2_Amps_G_f32[0]	86.825798
CDD_MtrCurrK2_Amps_G_f32[1]	136.856995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	88.9712982
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	178.470001
CDD_MtrCurrQax_Amp_G_f32[0]	-198.367004
CDD_MtrCurrQax_Amp_G_f32[1]	13.6039
CDD_MtrVoltDax_Volt_G_f32[0]	2.15289998
CDD_MtrVoltDax_Volt_G_f32[1]	1.57379997
CDD_MtrVoltQax_Volt_G_f32[0]	0.446799994
CDD_MtrVoltQax_Volt_G_f32[1]	1.12750006
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	72171
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	168304
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	11682
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	44535
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	10355
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	40781
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5493
CDD_PhaseAdvFinal_Cnt_G_u16[1]	57729
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	38062
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	51362
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	9830
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	13762
CDD_SysCVSwitchADC_Cnt_G_u16[0]	69
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3542
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	21626
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	29491

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.81480002	3.81480002 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.0941999	3.0941999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.180000007	0.180000007 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.449981689	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	29490	29490 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.329986572	0.33000201 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	515	515	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	16234	16234	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	6699	6699	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	58874	58874	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	8364	8364	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	21983	21983	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	18218	18218	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	72171	72171	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	11682	11682	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	10355	10355	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	514	514	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.479980469	0.479995728 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1361669888	1361669888	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-153.408005	-153.408005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	22.6632004	22.6632004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	86.825798	86.825798 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	88.9712982	88.9712982 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-198.367004	-198.367004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.15289998	2.15289998 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.446799994	0.446799994 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	38062	38062	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.149993896	0.149994001 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	69	69	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.54 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.209999993	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.289999992	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	31457	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	42598	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	27524	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	37355	
CDD_Die1RxError_Cnt_G_u16[0]	10315	
CDD_Die1RxError_Cnt_G_u16[1]	61151	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	1364	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	57535	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	27265	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	33300	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1568	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1610	
CDD_Die2RxError_Cnt_G_u16[0]	4864	
CDD_Die2RxError_Cnt_G_u16[1]	34965	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	24518	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	39219	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	52084	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	58119	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4294967295	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4294967295	
CDD_MechMtrPos1_Rev_G_u0p16[0]	33422	
CDD_MechMtrPos1_Rev_G_u0p16[1]	45219	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1527800064	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2491195392	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	0.250099987	
CDD_MtrCurr1_Volts_G_f32[1]	3.49429989	
CDD_MtrCurr2_Volts_G_f32[0]	3.32629991	
CDD_MtrCurr2_Volts_G_f32[1]	4.6722002	
CDD_MtrCurrDax_Amp_G_f32[0]	-87.4615021	
CDD_MtrCurrDax_Amp_G_f32[1]	-24.4414997	
CDD_MtrCurrK1_Amps_G_f32[0]	-122.219002	
CDD_MtrCurrK1_Amps_G_f32[1]	-0.889100015	
CDD_MtrCurrK2_Amps_G_f32[0]	103.884003	
CDD_MtrCurrK2_Amps_G_f32[1]	202.804001	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-124.141998	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-83.5319977	
CDD_MtrCurrQax_Amp_G_f32[0]	79.5503998	
CDD_MtrCurrQax_Amp_G_f32[1]	142.570007	
CDD_MtrVoltDax_Volt_G_f32[0]	2.0092001	
CDD_MtrVoltDax_Volt_G_f32[1]	2.25340009	
CDD_MtrVoltQax_Volt_G_f32[0]	0.678900003	
CDD_MtrVoltQax_Volt_G_f32[1]	2.02469993	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	79907	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	198211	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1001	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	92861	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	40263	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	195402	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	32093	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	43463	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	6392	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	12427	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	11796	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16384	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	58	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3236	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	23592	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32112	

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.250099987	0.250099987 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.32629991	3.32629991 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.209999993	0.209999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.479995728	0.479995996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	31457	31457 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.41998291	0.41999799 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	10315	10315	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	1364	1364	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	27265	27265	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1568	1568	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	4864	4864	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	24518	24518	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	52084	52084	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	79907	79907	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	1001	1001	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	40263	40263	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	3008	3008	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4294967295	4294967295	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.509979248	0.509994507 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1527800064	1527800064	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-87.4615021	-87.4615021 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-122.219002	-122.219002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	103.884003	103.884003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-124.141998	-124.141998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	79.5503998	79.5503998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.0092001	2.0092001 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.678900003	0.678900003 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	6392	6392	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.179992676	0.179993004 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	58	58	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	23592	23592 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.55 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.239999995
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.330000013
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	33422
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	45219
CDD_CumMechMtrPos_Rev_G_s15p16[0]	29490
CDD_CumMechMtrPos_Rev_G_s15p16[1]	39976
CDD_Die1RxError_Cnt_G_u16[0]	31751
CDD_Die1RxError_Cnt_G_u16[1]	32981
CDD_Die1RxMtrPos_Cnt_G_u16[0]	14664
CDD_Die1RxMtrPos_Cnt_G_u16[1]	37500
CDD_Die1RxRevCtr_Cnt_G_u16[0]	25865
CDD_Die1RxRevCtr_Cnt_G_u16[1]	27965
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1680
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1725
CDD_Die2RxError_Cnt_G_u16[0]	3464
CDD_Die2RxError_Cnt_G_u16[1]	47035
CDD_Die2RxMtrPos_Cnt_G_u16[0]	43249
CDD_Die2RxMtrPos_Cnt_G_u16[1]	61884
CDD_Die2RxRevCtr_Cnt_G_u16[0]	50684
CDD_Die2RxRevCtr_Cnt_G_u16[1]	52784
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	450812672
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	338571776
CDD_MechMtrPos1_Rev_G_u0p16[0]	35323
CDD_MechMtrPos1_Rev_G_u0p16[1]	47840
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	822286848
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3895976704
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	3.36610007
CDD_MtrCurr1_Volts_G_f32[1]	1.76170003
CDD_MtrCurr2_Volts_G_f32[0]	0.634599984
CDD_MtrCurr2_Volts_G_f32[1]	2.34069991
CDD_MtrCurrDax_Amp_G_f32[0]	65.0574036
CDD_MtrCurrDax_Amp_G_f32[1]	218.718994
CDD_MtrCurrK1_Amps_G_f32[0]	-158.117996
CDD_MtrCurrK1_Amps_G_f32[1]	-10.3100996
CDD_MtrCurrK2_Amps_G_f32[0]	-93.9558029
CDD_MtrCurrK2_Amps_G_f32[1]	-85.677597
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-133.563004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-119.431999
CDD_MtrCurrQax_Amp_G_f32[0]	-208.931
CDD_MtrCurrQax_Amp_G_f32[1]	-55.2691994
CDD_MtrVoltDax_Volt_G_f32[0]	3.11420012
CDD_MtrVoltDax_Volt_G_f32[1]	3.12520003
CDD_MtrVoltQax_Volt_G_f32[0]	2.39369988
CDD_MtrVoltQax_Volt_G_f32[1]	4.09980011
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	120496
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	190185
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	76579
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	196729
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	105678
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	162549
CDD_PhaseAdvFinal_Cnt_G_u16[0]	42063
CDD_PhaseAdvFinal_Cnt_G_u16[1]	44163
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	4992
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	7092
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	13762
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	19005
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1398
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2563
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	25559
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34734

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.36610007	3.36610007 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.634599984	0.634599984 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.239999995	0.239999995 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.509979248	0.509994984 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	33422	33422 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.449981689	0.449997008 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	31751	31751	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	14664	14664	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	25865	25865	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1680	1680	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	3464	3464	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	43249	43249	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	50684	50684	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	120496	120496	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	76579	76579	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	105678	105678	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2200	-2200	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	450812672	450812672	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.538986206	0.539001465 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	822286848	822286848	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	65.0574036	65.0574036 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-158.117996	-158.117996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-93.9558029	-93.9558029 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-133.563004	-133.563004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-208.931	-208.931 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.11420012	3.11420012 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.39369988	2.39369988 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	4992	4992	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.209991455	0.210006997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1398	1398	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	25559	25559 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.56 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.270000011
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.370000005
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65175
CDD_CumMechMtrPos_Rev_G_s15p16[0]	23592
CDD_CumMechMtrPos_Rev_G_s15p16[1]	32112
CDD_Die1RxError_Cnt_G_u16[0]	60016
CDD_Die1RxError_Cnt_G_u16[1]	61851
CDD_Die1RxMtrPos_Cnt_G_u16[0]	17634
CDD_Die1RxMtrPos_Cnt_G_u16[1]	43535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	13264
CDD_Die1RxRevCtr_Cnt_G_u16[1]	32165
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1792
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1840
CDD_Die2RxError_Cnt_G_u16[0]	51235
CDD_Die2RxError_Cnt_G_u16[1]	56400
CDD_Die2RxMtrPos_Cnt_G_u16[0]	23383
CDD_Die2RxMtrPos_Cnt_G_u16[1]	25218
CDD_Die2RxRevCtr_Cnt_G_u16[0]	38084
CDD_Die2RxRevCtr_Cnt_G_u16[1]	56984
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	730534912
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3546342656
CDD_MechMtrPos1_Rev_G_u0p16[0]	37355
CDD_MechMtrPos1_Rev_G_u0p16[1]	50462
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	0
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.146200001
CDD_MtrCurr1_Volts_G_f32[1]	2.21259999
CDD_MtrCurr2_Volts_G_f32[0]	3.22239995
CDD_MtrCurr2_Volts_G_f32[1]	3.39039993
CDD_MtrCurrDax_Amp_G_f32[0]	-181.671005
CDD_MtrCurrDax_Amp_G_f32[1]	85.0419006
CDD_MtrCurrK1_Amps_G_f32[0]	-129.856003
CDD_MtrCurrK1_Amps_G_f32[1]	-95.0985031
CDD_MtrCurrK2_Amps_G_f32[0]	96.2468033
CDD_MtrCurrK2_Amps_G_f32[1]	108.594002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-218.352005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-91.1690979
CDD_MtrCurrQax_Amp_G_f32[0]	-188.945999
CDD_MtrCurrQax_Amp_G_f32[1]	-14.6589003
CDD_MtrVoltDax_Volt_G_f32[0]	3.4986999
CDD_MtrVoltDax_Volt_G_f32[1]	3.97160006
CDD_MtrVoltQax_Volt_G_f32[0]	0.574899971
CDD_MtrVoltQax_Volt_G_f32[1]	0.742900014
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	76444
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	155486
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	89397
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	158276
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	45053
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	197538
CDD_PhaseAdvFinal_Cnt_G_u16[0]	29463
CDD_PhaseAdvFinal_Cnt_G_u16[1]	48363
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	11292
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	57928
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15728
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	21626
CDD_SysCVSwitchADC_Cnt_G_u16[0]	156
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3279
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	27525
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	37355

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.21259999	2.21259999 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.39039993	3.39039993 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.370000005	0.370000005 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.994491577	0.994507015 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	65175	65175 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.489990234	0.490004987 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	61851	61851	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	43535	43535	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	32165	32165	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1840	1840	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	56400	56400	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	25218	25218	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	56984	56984	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	155486	155486	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	158276	158276	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	197538	197538	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1609	-1609	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3546342656	3546342656	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.769989014	0.770004272 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	0	0	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	85.0419006	85.0419006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-95.0985031	-95.0985031 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	108.594002	108.594002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-91.1690979	-91.1690979 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-14.6589003	-14.6589003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.97160006	3.97160006 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.742900014	0.742900014 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	57928	57928	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3279	3279	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.57 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.300000012	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.409999996	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	1965	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	3276	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	13762	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	19004	
CDD_Die1RxError_Cnt_G_u16[0]	8215	
CDD_Die1RxError_Cnt_G_u16[1]	38051	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	13964	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	19734	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	21834	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	30935	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1904	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1955	
CDD_Die2RxError_Cnt_G_u16[0]	23500	
CDD_Die2RxError_Cnt_G_u16[1]	56665	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	37119	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	49549	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	29249	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	38349	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	747908608	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1728677632	
CDD_MechMtrPos1_Rev_G_u0p16[0]	27518	
CDD_MechMtrPos1_Rev_G_u0p16[1]	37355	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4294967295	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4294967295	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	2.23679996	
CDD_MtrCurr1_Volts_G_f32[1]	3.60700011	
CDD_MtrCurr2_Volts_G_f32[0]	1.21140003	
CDD_MtrCurr2_Volts_G_f32[1]	4.47989988	
CDD_MtrCurrDax_Amp_G_f32[0]	60.3469009	
CDD_MtrCurrDax_Amp_G_f32[1]	99.1733017	
CDD_MtrCurrK1_Amps_G_f32[0]	23.8059006	
CDD_MtrCurrK1_Amps_G_f32[1]	124.510002	
CDD_MtrCurrK2_Amps_G_f32[0]	-51.5615997	
CDD_MtrCurrK2_Amps_G_f32[1]	188.671997	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-160.682999	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-99.4473038	
CDD_MtrCurrQax_Amp_G_f32[0]	-213.641006	
CDD_MtrCurrQax_Amp_G_f32[1]	-174.815002	
CDD_MtrVoltDax_Volt_G_f32[0]	0.959500015	
CDD_MtrVoltDax_Volt_G_f32[1]	3.99589992	
CDD_MtrVoltQax_Volt_G_f32[0]	1.83239996	
CDD_MtrVoltQax_Volt_G_f32[1]	2.97049999	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	82852	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	118360	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	57871	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	159085	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	33854	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	124905	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	20628	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	29728	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	49093	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	58193	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	17694	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24248	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1792	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4023	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	29491	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	39976	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.60700011	3.60700011 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.47989988	4.47989988 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.409999996	0.409999996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.049987793	0.0500031002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	3276	3276 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.289978027	0.289992988 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	38051	38051	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	19734	19734	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	30935	30935	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1955	1955	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	56665	56665	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	49549	49549	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	38349	38349	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	118360	118360	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	159085	159085	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	124905	124905	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2787	2787	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1728677632	1728677632	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.569992065	0.570007324 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	4294967295	4294967295	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	99.1733017	99.1733017 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	124.510002	124.510002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	188.671997	188.671997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-99.4473038	-99.4473038 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-174.815002	-174.815002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.99589992	3.99589992 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.97049999	2.97049999 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	58193	58193	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.369995117	0.369994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	4023	4023	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	39976	39976 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.58 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.330000013
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.449999988
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	3925
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	5891
CDD_CumMechMtrPos_Rev_G_s15p16[0]	15728
CDD_CumMechMtrPos_Rev_G_s15p16[1]	21626
CDD_Die1RxError_Cnt_G_u16[0]	14081
CDD_Die1RxError_Cnt_G_u16[1]	51181
CDD_Die1RxMtrPos_Cnt_G_u16[0]	32865
CDD_Die1RxMtrPos_Cnt_G_u16[1]	37235
CDD_Die1RxRevCtr_Cnt_G_u16[0]	19999
CDD_Die1RxRevCtr_Cnt_G_u16[1]	51765
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2016
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2070
CDD_Die2RxError_Cnt_G_u16[0]	5299
CDD_Die2RxError_Cnt_G_u16[1]	63135
CDD_Die2RxMtrPos_Cnt_G_u16[0]	14548
CDD_Die2RxMtrPos_Cnt_G_u16[1]	42984
CDD_Die2RxRevCtr_Cnt_G_u16[0]	11048
CDD_Die2RxRevCtr_Cnt_G_u16[1]	44819
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	31266816
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	535902464
CDD_MechMtrPos1_Rev_G_u0p16[0]	29490
CDD_MechMtrPos1_Rev_G_u0p16[1]	39976
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	912010496
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	360594432
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.23570001
CDD_MtrCurr1_Volts_G_f32[1]	1.94070005
CDD_MtrCurr2_Volts_G_f32[0]	0.610400021
CDD_MtrCurr2_Volts_G_f32[1]	4.00699997
CDD_MtrCurrDax_Amp_G_f32[0]	-136.350006
CDD_MtrCurrDax_Amp_G_f32[1]	216.934998
CDD_MtrCurrK1_Amps_G_f32[0]	-49.7776985
CDD_MtrCurrK1_Amps_G_f32[1]	2.03740001
CDD_MtrCurrK2_Amps_G_f32[0]	-212.860001
CDD_MtrCurrK2_Amps_G_f32[1]	36.7946014
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-173.031006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	40.723999
CDD_MtrCurrQax_Amp_G_f32[0]	-86.4586029
CDD_MtrCurrQax_Amp_G_f32[1]	-57.0531006
CDD_MtrVoltDax_Volt_G_f32[0]	4.58820009
CDD_MtrVoltDax_Volt_G_f32[1]	1.29320002
CDD_MtrVoltQax_Volt_G_f32[0]	2.36940002
CDD_MtrVoltQax_Volt_G_f32[1]	3.76609993
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	136259
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	176040
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2328
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	178830
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	18091
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	104869
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2428
CDD_PhaseAdvFinal_Cnt_G_u16[1]	18793
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	30892
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	64663
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	19660
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26869
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1381
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3700
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	31457
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	42598

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.23570001	1.23570001 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.610400021	0.610400021 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.330000013	0.330000013 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.0598907471	0.0599059984 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	3925	3925 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.239990234	0.240005001 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	14081	14081	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	32865	32865	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	19999	19999	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2016	2016	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	5299	5299	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	14548	14548	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	11048	11048	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	136259	136259	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	2328	2328	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	18091	18091	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	227	227	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	31266816	31266816	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.449981689	0.449996948 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	912010496	912010496	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-136.350006	-136.350006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-49.7776985	-49.7776985 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-212.860001	-212.860001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-173.031006	-173.031006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-86.4586029	-86.4586029 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.58820009	4.58820009 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.36940002	2.36940002 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	30892	30892	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.299987793	0.300002992 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1381	1381	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	31457	31457 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.59 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.360000014
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.49000001
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	5881
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8519
CDD_CumMechMtrPos_Rev_G_s15p16[0]	17694
CDD_CumMechMtrPos_Rev_G_s15p16[1]	24247
CDD_Die1RxError_Cnt_G_u16[0]	5415
CDD_Die1RxError_Cnt_G_u16[1]	46451
CDD_Die1RxMtrPos_Cnt_G_u16[0]	11164
CDD_Die1RxMtrPos_Cnt_G_u16[1]	28135
CDD_Die1RxRevCtr_Cnt_G_u16[0]	19034
CDD_Die1RxRevCtr_Cnt_G_u16[1]	39335
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2128
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2185
CDD_Die2RxError_Cnt_G_u16[0]	16934
CDD_Die2RxError_Cnt_G_u16[1]	20699
CDD_Die2RxMtrPos_Cnt_G_u16[0]	34319
CDD_Die2RxMtrPos_Cnt_G_u16[1]	57949
CDD_Die2RxRevCtr_Cnt_G_u16[0]	26449
CDD_Die2RxRevCtr_Cnt_G_u16[1]	46749
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1298420224
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1545173760
CDD_MechMtrPos1_Rev_G_u0p16[0]	0
CDD_MechMtrPos1_Rev_G_u0p16[1]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	564404736
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2170063616
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	3.00589991
CDD_MtrCurr1_Volts_G_f32[1]	3.3506
CDD_MtrCurr2_Volts_G_f32[0]	1.98049998
CDD_MtrCurr2_Volts_G_f32[1]	4.22359991
CDD_MtrCurrDax_Amp_G_f32[0]	41.5051003
CDD_MtrCurrDax_Amp_G_f32[1]	155.699005
CDD_MtrCurrK1_Amps_G_f32[0]	80.3314972
CDD_MtrCurrK1_Amps_G_f32[1]	105.667999
CDD_MtrCurrK2_Amps_G_f32[0]	4.96400023
CDD_MtrCurrK2_Amps_G_f32[1]	169.830002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-179.524994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-42.9216995
CDD_MtrCurrQax_Amp_G_f32[0]	-118.289001
CDD_MtrCurrQax_Amp_G_f32[1]	208.516998
CDD_MtrVoltDax_Volt_G_f32[0]	0.358399987
CDD_MtrVoltDax_Volt_G_f32[1]	0.703100026
CDD_MtrVoltQax_Volt_G_f32[0]	1.57609999
CDD_MtrVoltQax_Volt_G_f32[1]	3.73950005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	108488
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	109815
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	49326
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	184720
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	25309
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	150540
CDD_PhaseAdvFinal_Cnt_G_u16[0]	17828
CDD_PhaseAdvFinal_Cnt_G_u16[1]	38128
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	1057
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	46293
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	21626
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	29491
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2317
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3848
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	33423
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	45219

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.00589991	3.00589991 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.98049998	1.98049998 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.360000014	0.360000014 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.0897369385	0.0897521973 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	5881	5881 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.269989014	0.270004004 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	5415	5415	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	11164	11164	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	19034	19034	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2128	2128	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	16934	16934	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	34319	34319	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	26449	26449	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	108488	108488	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	49326	49326	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	25309	25309	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1671	1671	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1298420224	1298420224	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0	0 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	564404736	564404736	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	41.5051003	41.5051003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	80.3314972	80.3314972 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	4.96400023	4.96400023 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-179.524994	-179.524994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-118.289001	-118.289001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.358399987	0.358399987 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.57609999	1.57609999 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	1057	1057	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2317	2317	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	33423	33423 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.60 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.389999986
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.529999971
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	7863
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	11140
CDD_CumMechMtrPos_Rev_G_s15p16[0]	19660
CDD_CumMechMtrPos_Rev_G_s15p16[1]	26869
CDD_Die1RxError_Cnt_G_u16[0]	13115
CDD_Die1RxError_Cnt_G_u16[1]	54416
CDD_Die1RxMtrPos_Cnt_G_u16[0]	60165
CDD_Die1RxMtrPos_Cnt_G_u16[1]	60335
CDD_Die1RxRevCtr_Cnt_G_u16[0]	26565
CDD_Die1RxRevCtr_Cnt_G_u16[1]	30065
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2240
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2300
CDD_Die2RxError_Cnt_G_u16[0]	7664
CDD_Die2RxError_Cnt_G_u16[1]	45635
CDD_Die2RxMtrPos_Cnt_G_u16[0]	17783
CDD_Die2RxMtrPos_Cnt_G_u16[1]	42019
CDD_Die2RxRevCtr_Cnt_G_u16[0]	51384
CDD_Die2RxRevCtr_Cnt_G_u16[1]	54884
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1831558144
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3179334912
CDD_MechMtrPos1_Rev_G_u0p16[0]	65534
CDD_MechMtrPos1_Rev_G_u0p16[1]	65522
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1086414080
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2674699264
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	3.7507
CDD_MtrCurr1_Volts_G_f32[1]	1.63349998
CDD_MtrCurr2_Volts_G_f32[0]	2.70970011
CDD_MtrCurr2_Volts_G_f32[1]	4.92850018
CDD_MtrCurrDax_Amp_G_f32[0]	-68.6195984
CDD_MtrCurrDax_Amp_G_f32[1]	47.3582001
CDD_MtrCurrK1_Amps_G_f32[0]	-167.539001
CDD_MtrCurrK1_Amps_G_f32[1]	17.9526997
CDD_MtrCurrK2_Amps_G_f32[0]	-219.354996
CDD_MtrCurrK2_Amps_G_f32[1]	58.5629997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-128.852997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-105.300003
CDD_MtrCurrQax_Amp_G_f32[0]	97.2496033
CDD_MtrCurrQax_Amp_G_f32[1]	98.3923035
CDD_MtrVoltDax_Volt_G_f32[0]	2.98600006
CDD_MtrVoltDax_Volt_G_f32[1]	1.50969994
CDD_MtrVoltQax_Volt_G_f32[0]	0.0621999986
CDD_MtrVoltQax_Volt_G_f32[1]	2.28110003
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	59353
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	59872
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	9546
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	72307
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	27963
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	48808
CDD_PhaseAdvFinal_Cnt_G_u16[0]	42763
CDD_PhaseAdvFinal_Cnt_G_u16[1]	46263
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	5692
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	9192
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	23592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32112
CDD_SysCVSwitchADC_Cnt_G_u16[0]	233
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3902
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	35389
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	47841

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.7507	3.7507 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.70970011	2.70970011 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.389999986	0.389999986 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.119979858	0.119994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	7863	7863 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.299987793	0.300002992 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	13115	13115	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	60165	60165	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	26565	26565	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2240	2240	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	7664	7664	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	17783	17783	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	51384	51384	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	59353	59353	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	9546	9546	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	27963	27963	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2134	-2134	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1831558144	1831558144	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.999969482	0.999984741 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1086414080	1086414080	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-68.6195984	-68.6195984 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-167.539001	-167.539001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-219.354996	-219.354996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-128.852997	-128.852997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	97.2496033	97.2496033 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.98600006	2.98600006 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.0621999986	0.0621999986 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	5692	5692	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.359985352	0.360000998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	233	233	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	35389	35389 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.61 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.419999987
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.569999993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	9829
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	13762
CDD_CumMechMtrPos_Rev_G_s15p16[0]	21626
CDD_CumMechMtrPos_Rev_G_s15p16[1]	29490
CDD_Die1RxError_Cnt_G_u16[0]	10050
CDD_Die1RxError_Cnt_G_u16[1]	23350
CDD_Die1RxMtrPos_Cnt_G_u16[0]	29100
CDD_Die1RxMtrPos_Cnt_G_u16[1]	39865
CDD_Die1RxRevCtr_Cnt_G_u16[0]	19565
CDD_Die1RxRevCtr_Cnt_G_u16[1]	51065
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2352
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2415
CDD_Die2RxError_Cnt_G_u16[0]	28665
CDD_Die2RxError_Cnt_G_u16[1]	38635
CDD_Die2RxMtrPos_Cnt_G_u16[0]	21549
CDD_Die2RxMtrPos_Cnt_G_u16[1]	34849
CDD_Die2RxRevCtr_Cnt_G_u16[0]	10348
CDD_Die2RxRevCtr_Cnt_G_u16[1]	44384
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2720575232
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3207837184
CDD_MechMtrPos1_Rev_G_u0p16[0]	21626
CDD_MechMtrPos1_Rev_G_u0p16[1]	29484
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2473821696
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3345465088
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	4.99259996
CDD_MtrCurr1_Volts_G_f32[1]	2.67330003
CDD_MtrCurr2_Volts_G_f32[0]	4.6479001
CDD_MtrCurr2_Volts_G_f32[1]	3.86560011
CDD_MtrCurrDax_Amp_G_f32[0]	-220
CDD_MtrCurrDax_Amp_G_f32[1]	-220
CDD_MtrCurrK1_Amps_G_f32[0]	-214.643997
CDD_MtrCurrK1_Amps_G_f32[1]	-164.613007
CDD_MtrCurrK2_Amps_G_f32[0]	-150.481003
CDD_MtrCurrK2_Amps_G_f32[1]	201.020004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-175.957993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	36.0135002
CDD_MtrCurrQax_Amp_G_f32[0]	-111.794998
CDD_MtrCurrQax_Amp_G_f32[1]	-39.3539009
CDD_MtrVoltDax_Volt_G_f32[0]	1.43239999
CDD_MtrVoltDax_Volt_G_f32[1]	2.34509993
CDD_MtrVoltQax_Volt_G_f32[0]	0.407000005
CDD_MtrVoltQax_Volt_G_f32[1]	1.62460005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	164549
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	197402
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	50944
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	73634
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	39454
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	80043
CDD_PhaseAdvFinal_Cnt_G_u16[0]	1728
CDD_PhaseAdvFinal_Cnt_G_u16[1]	35763
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	30192
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	64228
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	25559
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34734
CDD_SysCVSwitchADC_Cnt_G_u16[0]	42
CDD_SysCVSwitchADC_Cnt_G_u16[1]	873
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	37355
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	50462

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9_Per1 CorrectedElecMtrPos Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeA Cnt u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 SysCVSwitchADC Cnt u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.99259996	4.99259996 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.6479001	4.6479001 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.419999987	0.419999987 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.149978638	0.149994001 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	9829	9829 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.329986572	0.33000201 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	10050	10050	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	29100	29100	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	19565	19565	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2352	2352	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	28665	28665	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	21549	21549	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	10348	10348	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	164549	164549	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	50944	50944	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	39454	39454	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	162	162	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2720575232	2720575232	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.329986572	0.330001831 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2473821696	2473821696	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-220	-220 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-214.643997	-214.643997 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-150.481003	-150.481003 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-175.957993	-175.957993 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-111.794998	-111.794998 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.43239999	1.43239999 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.407000005	0.407000005 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	30192	30192	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.38999939	0.389999002 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	42	42	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✓

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.62 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.449999988
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.610000014
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	11796
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16384
CDD_CumMechMtrPos_Rev_G_s15p16[0]	23592
CDD_CumMechMtrPos_Rev_G_s15p16[1]	32112
CDD_Die1RxError_Cnt_G_u16[0]	43916
CDD_Die1RxError_Cnt_G_u16[1]	49951
CDD_Die1RxMtrPos_Cnt_G_u16[0]	25600
CDD_Die1RxMtrPos_Cnt_G_u16[1]	55700
CDD_Die1RxRevCtr_Cnt_G_u16[0]	22100
CDD_Die1RxRevCtr_Cnt_G_u16[1]	60865
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2464
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2530
CDD_Die2RxError_Cnt_G_u16[0]	23765
CDD_Die2RxError_Cnt_G_u16[1]	38465
CDD_Die2RxMtrPos_Cnt_G_u16[0]	7283
CDD_Die2RxMtrPos_Cnt_G_u16[1]	61449
CDD_Die2RxRevCtr_Cnt_G_u16[0]	20149
CDD_Die2RxRevCtr_Cnt_G_u16[1]	46919
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2886705408
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3850100736
CDD_MechMtrPos1_Rev_G_u0p16[0]	23592
CDD_MechMtrPos1_Rev_G_u0p16[1]	32112
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	398274560
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	793784576
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.570500016
CDD_MtrCurr1_Volts_G_f32[1]	1.22469997
CDD_MtrCurr2_Volts_G_f32[0]	1.74839997
CDD_MtrCurr2_Volts_G_f32[1]	2.30089998
CDD_MtrCurrDax_Amp_G_f32[0]	220
CDD_MtrCurrDax_Amp_G_f32[1]	220
CDD_MtrCurrK1_Amps_G_f32[0]	-197.585999
CDD_MtrCurrK1_Amps_G_f32[1]	-98.6662979
CDD_MtrCurrK2_Amps_G_f32[0]	-12.0939999
CDD_MtrCurrK2_Amps_G_f32[1]	28.5163002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-158.899994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	101.959999
CDD_MtrCurrQax_Amp_G_f32[0]	-135.347
CDD_MtrCurrQax_Amp_G_f32[1]	67.2029037
CDD_MtrVoltDax_Volt_G_f32[0]	0.983699977
CDD_MtrVoltDax_Volt_G_f32[1]	2.3296001
CDD_MtrVoltQax_Volt_G_f32[0]	4.05999994
CDD_MtrVoltQax_Volt_G_f32[1]	5
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	45727
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	153868
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	58680
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	103542
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	161221
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	195920
CDD_PhaseAdvFinal_Cnt_G_u16[0]	11528
CDD_PhaseAdvFinal_Cnt_G_u16[1]	20893
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	1227
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	39993
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	27525
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	37355
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2536
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3246
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	41287
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	55705

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.22469997	1.22469997 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.30089998	2.30089998 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.610000014	0.610000014 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.25	0.25 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	16384	16384 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.489990234	0.490004987 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	49951	49951	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	55700	55700	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	60865	60865	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2530	2530	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	38465	38465	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	61449	61449	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	46919	46919	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	153868	153868	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	103542	103542	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	195920	195920	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1958	1958	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3850100736	3850100736	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.489990234	0.490005493 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	793784576	793784576	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-98.6662979	-98.6662979 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	28.5163002	28.5163002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	101.959999	101.959999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	67.2029037	67.2029037 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.3296001	2.3296001 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	39993	39993	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.569992065	0.570007026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3246	3246	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	55705	55705 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.63 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.479999989	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.649999976	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	41287	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	55705	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	31456	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	42597	
CDD_Die1RxError_Cnt_G_u16[0]	42516	
CDD_Die1RxError_Cnt_G_u16[1]	44616	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	24200	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	50365	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	35400	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	58235	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2576	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2645	
CDD_Die2RxError_Cnt_G_u16[0]	12999	
CDD_Die2RxError_Cnt_G_u16[1]	59900	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5883	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7983	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	113	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	60219	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	959914752	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1040538112	
CDD_MechMtrPos1_Rev_G_u0p16[0]	25545	
CDD_MechMtrPos1_Rev_G_u0p16[1]	34733	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	306522624	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	444150528	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	2.53299999	
CDD_MtrCurr1_Volts_G_f32[1]	2.64560008	
CDD_MtrCurr2_Volts_G_f32[0]	1.62020004	
CDD_MtrCurr2_Volts_G_f32[1]	1.8125	
CDD_MtrCurrDax_Amp_G_f32[0]	69.9938965	
CDD_MtrCurrDax_Amp_G_f32[1]	175.125	
CDD_MtrCurrK1_Amps_G_f32[0]	-71.5460968	
CDD_MtrCurrK1_Amps_G_f32[1]	53.8526001	
CDD_MtrCurrK2_Amps_G_f32[0]	-21.5149002	
CDD_MtrCurrK2_Amps_G_f32[1]	-7.3835001	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-69.4005966	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	84.2609024	
CDD_MtrCurrQax_Amp_G_f32[0]	-144.768005	
CDD_MtrCurrQax_Amp_G_f32[1]	31.3031006	
CDD_MtrVoltDax_Volt_G_f32[0]	4.29209995	
CDD_MtrVoltDax_Volt_G_f32[1]	0.998199999	
CDD_MtrVoltQax_Volt_G_f32[0]	4.97270012	
CDD_MtrVoltQax_Volt_G_f32[1]	1.16499996	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	29446	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	149595	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	25827	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	168958	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	191648	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	198056	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	34193	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	57029	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	14527	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	19957	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	29491	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	39976	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3159	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3290	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43253	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	58327	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 CorrectedElecMtrPos Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeA Cnt u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9 CDDInterface9 Per1 SysCVSwitchADC Cnt u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.53299999	2.53299999 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.62020004	1.62020004 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.479999989	0.479999989 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.629989624	0.630005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	41287	41287 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.479980469	0.479995996 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	42516	42516	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	24200	24200	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	35400	35400	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2576	2576	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	12999	12999	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	5883	5883	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	113	113	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	29446	29446	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	25827	25827	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	191648	191648	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2938	-2938	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	959914752	959914752	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.389785767	0.389801025 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	306522624	306522624	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	69.9938965	69.9938965 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-71.5460968	-71.5460968 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-21.5149002	-21.5149002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-69.4005966	-69.4005966 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-144.768005	-144.768005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.29209995	4.29209995 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	4.97270012	4.97270012 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	14527	14527	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.449996948	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3159	3159	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	43253	43253 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.64 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.50999999	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.689999998	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43253	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	58323	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	33422	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	45219	
CDD_Die1RxError_Cnt_G_u16[0]	29916	
CDD_Die1RxError_Cnt_G_u16[1]	48816	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	11599	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	54565	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	20965	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	46865	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2688	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2760	
CDD_Die2RxError_Cnt_G_u16[0]	24465	
CDD_Die2RxError_Cnt_G_u16[1]	40035	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	12183	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	58819	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	6148	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	45784	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2812327168	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2932581376	
CDD_MechMtrPos1_Rev_G_u0p16[0]	27524	
CDD_MechMtrPos1_Rev_G_u0p16[1]	37355	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	719406336	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3775722496	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	0.120800003	
CDD_MtrCurr1_Volts_G_f32[1]	2.2888	
CDD_MtrCurr2_Volts_G_f32[0]	0.466600001	
CDD_MtrCurr2_Volts_G_f32[1]	2.19700003	
CDD_MtrCurrDax_Amp_G_f32[0]	0	
CDD_MtrCurrDax_Amp_G_f32[1]	0	
CDD_MtrCurrK1_Amps_G_f32[0]	-205.223007	
CDD_MtrCurrK1_Amps_G_f32[1]	-192.876007	
CDD_MtrCurrK2_Amps_G_f32[0]	-106.303001	
CDD_MtrCurrK2_Amps_G_f32[1]	20.8792992	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-166.535995	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	7.7507	
CDD_MtrCurrQax_Amp_G_f32[0]	59.5658989	
CDD_MtrCurrQax_Amp_G_f32[1]	211.442993	
CDD_MtrVoltDax_Volt_G_f32[0]	1.04779994	
CDD_MtrVoltDax_Volt_G_f32[1]	2.47329998	
CDD_MtrVoltQax_Volt_G_f32[0]	3.81920004	
CDD_MtrVoltQax_Volt_G_f32[1]	1.54949999	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	42263	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	111142	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	55217	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	60816	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	10873	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	100078	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	37163	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	63064	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	92	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	25992	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	31457	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	42598	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1283	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3552	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	655	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.120800003	0.120800003 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.466600001	0.466600001 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.50999999	0.50999999 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.659988403	0.66000402 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	43253	43253 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.509979248	0.509994984 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	29916	29916	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	11599	11599	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	20965	20965	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2688	2688	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	24465	24465	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	12183	12183	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	6148	6148	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	42263	42263	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	55217	55217	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	10873	10873	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2659	-2659	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2812327168	2812327168	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.41998291	0.419998169 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	719406336	719406336	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	0	0 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-205.223007	-205.223007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-106.303001	-106.303001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-166.535995	-166.535995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	59.5658989	59.5658989 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.04779994	1.04779994 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.81920004	3.81920004 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	92	92	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.479995728	0.479995996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1283	1283	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	0	0 ± 0.000030517578125	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔	
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔	

Test Step 2.65 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.540000021
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.730000019
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65175
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	64999
CDD_Die1RxError_Cnt_G_u16[0]	21081
CDD_Die1RxError_Cnt_G_u16[1]	30181
CDD_Die1RxMtrPos_Cnt_G_u16[0]	11864
CDD_Die1RxMtrPos_Cnt_G_u16[1]	44235
CDD_Die1RxRevCtr_Cnt_G_u16[0]	23065
CDD_Die1RxRevCtr_Cnt_G_u16[1]	34700
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2800
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2875
CDD_Die2RxError_Cnt_G_u16[0]	664
CDD_Die2RxError_Cnt_G_u16[1]	36365
CDD_Die2RxMtrPos_Cnt_G_u16[0]	49984
CDD_Die2RxMtrPos_Cnt_G_u16[1]	59084
CDD_Die2RxRevCtr_Cnt_G_u16[0]	47884
CDD_Die2RxRevCtr_Cnt_G_u16[1]	59519
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1372798464
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3712472832
CDD_MechMtrPos1_Rev_G_u0p16[0]	29478
CDD_MechMtrPos1_Rev_G_u0p16[1]	39976
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	42395392
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	638782976
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.378300011
CDD_MtrCurr1_Volts_G_f32[1]	3.1098001
CDD_MtrCurr2_Volts_G_f32[0]	1.25119996
CDD_MtrCurr2_Volts_G_f32[1]	2.08439994
CDD_MtrCurrDax_Amp_G_f32[0]	-24.7275009
CDD_MtrCurrDax_Amp_G_f32[1]	-43.2551994
CDD_MtrCurrK1_Amps_G_f32[0]	-112.797997
CDD_MtrCurrK1_Amps_G_f32[1]	-29.1518993
CDD_MtrCurrK2_Amps_G_f32[0]	-165.755005
CDD_MtrCurrK2_Amps_G_f32[1]	-104.518997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-152.404999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-74.1110992
CDD_MtrCurrQax_Amp_G_f32[0]	-9.94849968
CDD_MtrCurrQax_Amp_G_f32[1]	213.227005
CDD_MtrVoltDax_Volt_G_f32[0]	2.13730001
CDD_MtrVoltDax_Volt_G_f32[1]	4.86880016
CDD_MtrVoltQax_Volt_G_f32[0]	0.393000007
CDD_MtrVoltQax_Volt_G_f32[1]	1.22609997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	111951
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	157622
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	97133
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	188184
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	126232
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	154004
CDD_PhaseAdvFinal_Cnt_G_u16[0]	33493
CDD_PhaseAdvFinal_Cnt_G_u16[1]	39263
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2192
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	13827
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	33423
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	45219
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1819
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2388
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	1966
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	3276

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.1098001	3.1098001 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.08439994	2.08439994 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.730000019	0.730000019 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.994491577	0.994507015 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	65175	65175 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.99180603	0.99180603 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	30181	30181	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	44235	44235	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	34700	34700	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2875	2875	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	36365	36365	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	59084	59084	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	59519	59519	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	157622	157622	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	188184	188184	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	154004	154004	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2463	-2463	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3712472832	3712472832	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.609985352	0.61000061 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	638782976	638782976	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-43.2551994	-43.2551994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-29.1518993	-29.1518993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-104.518997	-104.518997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-74.1110992	-74.1110992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	213.227005	213.227005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.86880016	4.86880016 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.22609997	1.22609997 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	13827	13827	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.689987183	0.690002024 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2388	2388	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	3276	3276 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.66 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.569999993	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.769999981	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	13762	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	19004	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	1965	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3276	
CDD_Die1RxError_Cnt_G_u16[0]	2880	
CDD_Die1RxError_Cnt_G_u16[1]	36651	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	18334	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	26034	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	40565	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	53600	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2912	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2990	
CDD_Die2RxError_Cnt_G_u16[0]	31200	
CDD_Die2RxError_Cnt_G_u16[1]	59635	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	31784	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	48149	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	12883	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	65384	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2233313280	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4096854272	
CDD_MechMtrPos1_Rev_G_u0p16[0]	9829	
CDD_MechMtrPos1_Rev_G_u0p16[1]	13762	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2003933440	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4217108480	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	0.915300012	
CDD_MtrCurr1_Volts_G_f32[1]	4.31190014	
CDD_MtrCurr2_Volts_G_f32[0]	1.08319998	
CDD_MtrCurr2_Volts_G_f32[1]	3.9914999	
CDD_MtrCurrDax_Amp_G_f32[0]	89.7524033	
CDD_MtrCurrDax_Amp_G_f32[1]	141.567993	
CDD_MtrCurrK1_Amps_G_f32[0]	-220	
CDD_MtrCurrK1_Amps_G_f32[1]	-220	
CDD_MtrCurrK2_Amps_G_f32[0]	-60.9826012	
CDD_MtrCurrK2_Amps_G_f32[1]	152.772003	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-34.6435013	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	53.0714989	
CDD_MtrCurrQax_Amp_G_f32[0]	-184.235992	
CDD_MtrCurrQax_Amp_G_f32[1]	-132.421005	
CDD_MtrVoltDax_Volt_G_f32[0]	1.66439998	
CDD_MtrVoltDax_Volt_G_f32[1]	4.26779985	
CDD_MtrVoltQax_Volt_G_f32[0]	0.224999994	
CDD_MtrVoltQax_Volt_G_f32[1]	4.72669983	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	78580	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	102079	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	81370	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	168148	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	70689	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	120632	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4263	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	56763	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	19692	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	32727	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	35389	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	47841	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	681	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1704	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	3932	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	5898	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.915300012	0.915300012 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.08319998	1.08319998 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.569999993	0.569999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.209991455	0.210006997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.0299835205	0.0299987998 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	2880	2880	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	18334	18334	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	40565	40565	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2912	2912	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	31200	31200	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	31784	31784	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	12883	12883	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	78580	78580	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	81370	81370	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	70689	70689	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	399	399	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2233313280	2233313280	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.149978638	0.149993896 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2003933440	2003933440	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	89.7524033	89.7524033 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-60.9826012	-60.9826012 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-34.6435013	-34.6435013 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-184.235992	-184.235992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.66439998	1.66439998 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.224999994	0.224999994 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	19692	19692	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.539993286	0.539992988 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	681	681	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	3932	3932 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.67 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.629999995
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.850000024
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15728
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	21626
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3931
CDD_CumMechMtrPos_Rev_G_s15p16[1]	5897
CDD_Die1RxError_Cnt_G_u16[0]	18281
CDD_Die1RxError_Cnt_G_u16[1]	38581
CDD_Die1RxMtrPos_Cnt_G_u16[0]	20265
CDD_Die1RxMtrPos_Cnt_G_u16[1]	41435
CDD_Die1RxRevCtr_Cnt_G_u16[0]	31465
CDD_Die1RxRevCtr_Cnt_G_u16[1]	31900
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3808
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3910
CDD_Die2RxError_Cnt_G_u16[0]	9064
CDD_Die2RxError_Cnt_G_u16[1]	33565
CDD_Die2RxMtrPos_Cnt_G_u16[0]	1948
CDD_Die2RxMtrPos_Cnt_G_u16[1]	47184
CDD_Die2RxRevCtr_Cnt_G_u16[0]	56284
CDD_Die2RxRevCtr_Cnt_G_u16[1]	56719
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1923310080
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3528968960
CDD_MechMtrPos1_Rev_G_u0p16[0]	11763
CDD_MechMtrPos1_Rev_G_u0p16[1]	16384
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1189294592
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4153858816
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0.1219
CDD_MtrCurr1_Volts_G_f32[1]	3.87879992
CDD_MtrCurr2_Volts_G_f32[0]	0.994899988
CDD_MtrCurr2_Volts_G_f32[1]	2.85339999
CDD_MtrCurrDax_Amp_G_f32[0]	-195.802002
CDD_MtrCurrDax_Amp_G_f32[1]	219.862
CDD_MtrCurrK1_Amps_G_f32[0]	220
CDD_MtrCurrK1_Amps_G_f32[1]	220
CDD_MtrCurrK2_Amps_G_f32[0]	-184.597
CDD_MtrCurrK2_Amps_G_f32[1]	-47.9938011
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-95.8795013
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-92.9530029
CDD_MtrCurrQax_Amp_G_f32[0]	-171.246994
CDD_MtrCurrQax_Amp_G_f32[1]	-28.7903004
CDD_MtrVoltDax_Volt_G_f32[0]	1.88100004
CDD_MtrVoltDax_Volt_G_f32[1]	1.63789999
CDD_MtrVoltQax_Volt_G_f32[0]	0.136600003
CDD_MtrVoltQax_Volt_G_f32[1]	1.99520004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	137587
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	149077
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	13818
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	88588
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	117687
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	179639
CDD_PhaseAdvFinal_Cnt_G_u16[0]	30693
CDD_PhaseAdvFinal_Cnt_G_u16[1]	47663
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	10592
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	11027
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	37355
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	50462
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1644
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2913
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	5898
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8519

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeA Cnt u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeB Cnt u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeC Cnt u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 SysCVSwitchADC Cnt u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.87879992	3.87879992 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.85339999	2.85339999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.850000024	0.850000024 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.0899810791	0.0899963006 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	38581	38581	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	41435	41435	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	31900	31900	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3910	3910	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	33565	33565	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	47184	47184	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	56719	56719	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	149077	149077	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	88588	88588	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	179639	179639	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1675	-1675	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3528968960	3528968960	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.25	0.25 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	4153858816	4153858816	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	219.862	219.862 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-47.9938011	-47.9938011 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-92.9530029	-92.9530029 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-28.7903004	-28.7903004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.63789999	1.63789999 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.99520004	1.99520004 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	11027	11027	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.769989014	0.770003974 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2913	2913	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	8519	8519 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.68 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.660000026
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.889999986
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	17694
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24247
CDD_CumMechMtrPos_Rev_G_s15p16[0]	5897
CDD_CumMechMtrPos_Rev_G_s15p16[1]	8519
CDD_Die1RxError_Cnt_G_u16[0]	43216
CDD_Die1RxError_Cnt_G_u16[1]	46716
CDD_Die1RxMtrPos_Cnt_G_u16[0]	28400
CDD_Die1RxMtrPos_Cnt_G_u16[1]	48965
CDD_Die1RxRevCtr_Cnt_G_u16[0]	15364
CDD_Die1RxRevCtr_Cnt_G_u16[1]	15534
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3920
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4025
CDD_Die2RxError_Cnt_G_u16[0]	34435
CDD_Die2RxError_Cnt_G_u16[1]	41265
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6583
CDD_Die2RxMtrPos_Cnt_G_u16[1]	10083
CDD_Die2RxRevCtr_Cnt_G_u16[0]	22949
CDD_Die2RxRevCtr_Cnt_G_u16[1]	40184
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2445319424
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4033604608
CDD_MechMtrPos1_Rev_G_u0p16[0]	13762
CDD_MechMtrPos1_Rev_G_u0p16[1]	19004
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	352398592
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	581778432
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.826900005
CDD_MtrCurr1_Volts_G_f32[1]	4.60809994
CDD_MtrCurr2_Volts_G_f32[0]	1.68429995
CDD_MtrCurr2_Volts_G_f32[1]	2.00480008
CDD_MtrCurrDax_Amp_G_f32[0]	-28.0093002
CDD_MtrCurrDax_Amp_G_f32[1]	157.483002
CDD_MtrCurrK1_Amps_G_f32[0]	26.7831993
CDD_MtrCurrK1_Amps_G_f32[1]	195.041
CDD_MtrCurrK2_Amps_G_f32[0]	-16.8043995
CDD_MtrCurrK2_Amps_G_f32[1]	6.74790001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-204.220001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-203.078003
CDD_MtrCurrQax_Amp_G_f32[0]	-116.504997
CDD_MtrCurrQax_Amp_G_f32[1]	21.8820992
CDD_MtrVoltDax_Volt_G_f32[0]	1.96060002
CDD_MtrVoltDax_Volt_G_f32[1]	2.58590007
CDD_MtrVoltQax_Volt_G_f32[0]	2.41950011
CDD_MtrVoltQax_Volt_G_f32[1]	2.74000001
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	25173
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	162413
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	38126
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	112087
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4464
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	193784
CDD_PhaseAdvFinal_Cnt_G_u16[0]	14328
CDD_PhaseAdvFinal_Cnt_G_u16[1]	31563
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	42793
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	60028
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	41287
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	55705
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3202
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3421
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	7864
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	11141

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.826900005	0.826900005 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.68429995	1.68429995 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.660000026	0.660000026 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.269989014	0.270004004 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	17694	17694 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.0899810791	0.0899963006 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	43216	43216	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	28400	28400	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	15364	15364	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3920	3920	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	34435	34435	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	6583	6583	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	22949	22949	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	25173	25173	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	38126	38126	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	4464	4464	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1343	1343	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2445319424	2445319424	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.209991455	0.210006714 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	352398592	352398592	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-28.0093002	-28.0093002 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	26.7831993	26.7831993 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-16.8043995	-16.8043995 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-204.220001	-204.220001 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-116.504997	-116.504997 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.96060002	1.96060002 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.41950011	2.41950011 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	42793	42793	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.629989624	0.630005002 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3202	3202	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	7864	7864 ± 0.000030517578125	✓

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.69 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.00999999978
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	19660
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26869
CDD_CumMechMtrPos_Rev_G_s15p16[0]	7864
CDD_CumMechMtrPos_Rev_G_s15p16[1]	1140
CDD_Die1RxError_Cnt_G_u16[0]	2180
CDD_Die1RxError_Cnt_G_u16[1]	36216
CDD_Die1RxMtrPos_Cnt_G_u16[0]	41965
CDD_Die1RxMtrPos_Cnt_G_u16[1]	49400
CDD_Die1RxRevCtr_Cnt_G_u16[0]	49835
CDD_Die1RxRevCtr_Cnt_G_u16[1]	60600
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4032
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4140
CDD_Die2RxError_Cnt_G_u16[0]	38200
CDD_Die2RxError_Cnt_G_u16[1]	51500
CDD_Die2RxMtrPos_Cnt_G_u16[0]	31084
CDD_Die2RxMtrPos_Cnt_G_u16[1]	65119
CDD_Die2RxRevCtr_Cnt_G_u16[0]	19883
CDD_Die2RxRevCtr_Cnt_G_u16[1]	57249
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	409403136
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3832727040
CDD_MechMtrPos1_Rev_G_u0p16[0]	15728
CDD_MechMtrPos1_Rev_G_u0p16[1]	21626
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1958057472
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4188606208
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0.546299994
CDD_MtrCurr1_Volts_G_f32[1]	1.76390004
CDD_MtrCurr2_Volts_G_f32[0]	1.04340005
CDD_MtrCurr2_Volts_G_f32[1]	3.92740011
CDD_MtrCurrDax_Amp_G_f32[0]	-142.203003
CDD_MtrCurrDax_Amp_G_f32[1]	-75.1139984
CDD_MtrCurrK1_Amps_G_f32[0]	0
CDD_MtrCurrK1_Amps_G_f32[1]	0
CDD_MtrCurrK2_Amps_G_f32[0]	-63.9090996
CDD_MtrCurrK2_Amps_G_f32[1]	148.061996
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	27.7353001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	100.176003
CDD_MtrCurrQax_Amp_G_f32[0]	-25.2224998
CDD_MtrCurrQax_Amp_G_f32[1]	24.8087006
CDD_MtrVoltDax_Volt_G_f32[0]	2.3053
CDD_MtrVoltDax_Volt_G_f32[1]	3.523
CDD_MtrVoltQax_Volt_G_f32[0]	1.77859998
CDD_MtrVoltQax_Volt_G_f32[1]	4.66260004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	3810
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	26500
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	102733
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	143322
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	68553
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	172421
CDD_PhaseAdvFinal_Cnt_G_u16[0]	11263
CDD_PhaseAdvFinal_Cnt_G_u16[1]	48628
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	11557
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	39727
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43253
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	58327
CDD_SysCVSwitchADC_Cnt_G_u16[0]	638
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2765
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	9830
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	13762

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.546299994	0.546299994 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.04340005	1.04340005 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.299987793	0.300002992 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	19660	19660 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.119995117	0.119994998 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	2180	2180	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	41965	41965	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	49835	49835	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4032	4032	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	38200	38200	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	31084	31084	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	19883	19883	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	3810	3810	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	102733	102733	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	68553	68553	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1055	1055	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	409403136	409403136	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.239990234	0.240005493 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1958057472	1958057472	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-142.203003	-142.203003 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	0	0 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-63.9090996	-63.9090996 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	27.7353001	27.7353001 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-25.2224998	-25.2224998 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.3053	2.3053 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.77859998	1.77859998 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	11557	11557	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.659988403	0.66000402 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	638	638	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	9830	9830 ± 0.000030517578125	✓

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.70 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0299999993	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.0500000007	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	21626	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	29490	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	9829	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	13762	
CDD_Die1RxError_Cnt_G_u16[0]	11981	
CDD_Die1RxError_Cnt_G_u16[1]	38751	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	44500	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	59200	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	10899	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	46335	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2352	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2415	
CDD_Die2RxError_Cnt_G_u16[0]	12564	
CDD_Die2RxError_Cnt_G_u16[1]	23934	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	40884	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	50249	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	35719	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	53749	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1757179904	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2152689920	
CDD_MechMtrPos1_Rev_G_u0p16[0]	17694	
CDD_MechMtrPos1_Rev_G_u0p16[1]	24247	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	59769088	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2600321024	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	3.64680004	
CDD_MtrCurr1_Volts_G_f32[1]	4.19929981	
CDD_MtrCurr2_Volts_G_f32[0]	1.27550006	
CDD_MtrCurr2_Volts_G_f32[1]	4.82460022	
CDD_MtrCurrDax_Amp_G_f32[0]	-175.175995	
CDD_MtrCurrDax_Amp_G_f32[1]	-76.2565994	
CDD_MtrCurrK1_Amps_G_f32[0]	-18.1308994	
CDD_MtrCurrK1_Amps_G_f32[1]	-158.113007	
CDD_MtrCurrK2_Amps_G_f32[0]	-46.8512001	
CDD_MtrCurrK2_Amps_G_f32[1]	214.007996	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	4.18289995	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	206.733002	
CDD_MtrCurrQax_Amp_G_f32[0]	-8.16460037	
CDD_MtrCurrQax_Amp_G_f32[1]	90.7552032	
CDD_MtrVoltDax_Volt_G_f32[0]	0.999300003	
CDD_MtrVoltDax_Volt_G_f32[1]	3.95830011	
CDD_MtrVoltQax_Volt_G_f32[0]	0.417299986	
CDD_MtrVoltQax_Volt_G_f32[1]	1.55980003	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	11546	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	56408	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	6082	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	24500	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	98460	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	127041	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	9693	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	45128	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	8057	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	55563	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	655	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1250	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1836	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	11796	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16384	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.19929981	4.19929981 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.82460022	4.82460022 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0500000007	0.0500000007 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.449981689	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	29490	29490 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.209991455	0.210006997 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	38751	38751	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	59200	59200	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	46335	46335	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2415	2415	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	23934	23934	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	50249	50249	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	53749	53749	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	56408	56408	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	24500	24500	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	127041	127041	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1913	-1913	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2152689920	2152689920	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.369979858	0.369995117 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2600321024	2600321024	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-76.2565994	-76.2565994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-158.113007	-158.113007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	214.007996	214.007996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	206.733002	206.733002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	90.7552032	90.7552032 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.95830011	3.95830011 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.55980003	1.55980003 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	55563	55563	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.00999450684	0.00999450963 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1836	1836	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	16384	16384 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.71 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0599999987
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.0900000036
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	23592
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32112
CDD_CumMechMtrPos_Rev_G_s15p16[0]	11796
CDD_CumMechMtrPos_Rev_G_s15p16[1]	16384
CDD_Die1RxError_Cnt_G_u16[0]	52051
CDD_Die1RxError_Cnt_G_u16[1]	57481
CDD_Die1RxMtrPos_Cnt_G_u16[0]	15099
CDD_Die1RxMtrPos_Cnt_G_u16[1]	33735
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5564
CDD_Die1RxRevCtr_Cnt_G_u16[1]	44935
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2464
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2530
CDD_Die2RxError_Cnt_G_u16[0]	22534
CDD_Die2RxError_Cnt_G_u16[1]	24634
CDD_Die2RxMtrPos_Cnt_G_u16[0]	20849
CDD_Die2RxMtrPos_Cnt_G_u16[1]	63549
CDD_Die2RxRevCtr_Cnt_G_u16[0]	30384
CDD_Die2RxRevCtr_Cnt_G_u16[1]	52349
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1665427968
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1803055872
CDD_MechMtrPos1_Rev_G_u0p16[0]	19660
CDD_MechMtrPos1_Rev_G_u0p16[1]	26869
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	931412480
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2427945728
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	3.51859999
CDD_MtrCurr1_Volts_G_f32[1]	3.71090007
CDD_MtrCurr2_Volts_G_f32[0]	2.49320006
CDD_MtrCurr2_Volts_G_f32[1]	4.58379984
CDD_MtrCurrDax_Amp_G_f32[0]	67.9840012
CDD_MtrCurrDax_Amp_G_f32[1]	193.382996
CDD_MtrCurrK1_Amps_G_f32[0]	118.014999
CDD_MtrCurrK1_Amps_G_f32[1]	132.147003
CDD_MtrCurrK2_Amps_G_f32[0]	-220
CDD_MtrCurrK2_Amps_G_f32[1]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-5.23799992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	170.832993
CDD_MtrCurrQax_Amp_G_f32[0]	-206.003998
CDD_MtrCurrQax_Amp_G_f32[1]	-80.6054993
CDD_MtrVoltDax_Volt_G_f32[0]	0.871100008
CDD_MtrVoltDax_Volt_G_f32[1]	1.06340003
CDD_MtrVoltQax_Volt_G_f32[0]	1.63489997
CDD_MtrVoltQax_Volt_G_f32[1]	3.7256
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	121824
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	125578
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1810
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	8219
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	37317
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	167630
CDD_PhaseAdvFinal_Cnt_G_u16[0]	21763
CDD_PhaseAdvFinal_Cnt_G_u16[1]	43728
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	6657
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	50228
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	1966
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	3276
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2667
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4094
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	13762
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	19005

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.51859999	3.51859999 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.49320006	2.49320006 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0599999987	0.0599999987 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.359985352	0.360000998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	23592	23592 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.179992676	0.179993004 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	52051	52051	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	15099	15099	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	5564	5564	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2464	2464	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	22534	22534	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	20849	20849	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	30384	30384	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	121824	121824	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	1810	1810	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	37317	37317	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2040	2040	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1665427968	1665427968	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.299987793	0.300003052 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	931412480	931412480	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	67.9840012	67.9840012 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	118.014999	118.014999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-5.23799992	-5.23799992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-206.003998	-206.003998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.871100008	0.871100008 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.63489997	1.63489997 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	6657	6657	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0299987793	0.0299987998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2667	2667	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.72 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0900000036	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.129999995	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	25558	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65526	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	41287	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	55705	
CDD_Die1RxError_Cnt_G_u16[0]	37616	
CDD_Die1RxError_Cnt_G_u16[1]	63516	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	43365	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	45200	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	9764	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	32335	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4368	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4485	
CDD_Die2RxError_Cnt_G_u16[0]	28835	
CDD_Die2RxError_Cnt_G_u16[1]	58065	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	983	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	26884	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	34584	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	39749	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	839660544	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2078311680	
CDD_MechMtrPos1_Rev_G_u0p16[0]	21626	
CDD_MechMtrPos1_Rev_G_u0p16[1]	29490	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1682801664	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4280358144	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	2.36500001	
CDD_MtrCurr1_Volts_G_f32[1]	4.09539986	
CDD_MtrCurr2_Volts_G_f32[0]	1.17159998	
CDD_MtrCurr2_Volts_G_f32[1]	3.54290009	
CDD_MtrCurrDax_Amp_G_f32[0]	-170.466003	
CDD_MtrCurrDax_Amp_G_f32[1]	-65.6930008	
CDD_MtrCurrK1_Amps_G_f32[0]	33.226799	
CDD_MtrCurrK1_Amps_G_f32[1]	160.408997	
CDD_MtrCurrK2_Amps_G_f32[0]	220	
CDD_MtrCurrK2_Amps_G_f32[1]	220	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-90.0263977	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	199.095993	
CDD_MtrCurrQax_Amp_G_f32[0]	-15.8016005	
CDD_MtrCurrQax_Amp_G_f32[1]	-3.45409989	
CDD_MtrVoltDax_Volt_G_f32[0]	1.44790006	
CDD_MtrVoltDax_Volt_G_f32[1]	4.12410021	
CDD_MtrVoltQax_Volt_G_f32[0]	1.90680003	
CDD_MtrVoltQax_Volt_G_f32[1]	4.27810001	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	8083	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	13683	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	21036	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	163358	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	55735	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	176694	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	25963	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	31128	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	54428	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	59593	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	3932	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	5898	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	375	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2852	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15728	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	21626	

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 CorrectedElecMtrPos Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeA Cnt u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 SysCVSwitchADC Cnt u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.36500001	2.36500001 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.17159998	1.17159998 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0900000036	0.0900000036 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.389984131	0.389999002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	25558	25558 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.629989624	0.630005002 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	37616	37616	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	43365	43365	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	9764	9764	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4368	4368	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	28835	28835	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	983	983	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	34584	34584	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	8083	8083	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	21036	21036	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	55735	55735	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2434	2434	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	839660544	839660544	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.329986572	0.330001831 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1682801664	1682801664	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-170.466003	-170.466003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	33.226799	33.226799 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-90.0263977	-90.0263977 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-15.8016005	-15.8016005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.44790006	1.44790006 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.90680003	1.90680003 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	54428	54428	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0599975586	0.0599975996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	375	375	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	15728	15728 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.73 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.119999997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.170000002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26869
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	37355
CDD_CumMechMtrPos_Rev_G_s15p16[0]	43253
CDD_CumMechMtrPos_Rev_G_s15p16[1]	58327
CDD_Die1RxError_Cnt_G_u16[0]	39716
CDD_Die1RxError_Cnt_G_u16[1]	51351
CDD_Die1RxMtrPos_Cnt_G_u16[0]	21399
CDD_Die1RxMtrPos_Cnt_G_u16[1]	57100
CDD_Die1RxRevCtr_Cnt_G_u16[0]	32600
CDD_Die1RxRevCtr_Cnt_G_u16[1]	47565
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4480
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4600
CDD_Die2RxError_Cnt_G_u16[0]	1099
CDD_Die2RxError_Cnt_G_u16[1]	10199
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die2RxMtrPos_Cnt_G_u16[1]	62849
CDD_Die2RxRevCtr_Cnt_G_u16[0]	6848
CDD_Die2RxRevCtr_Cnt_G_u16[1]	57419
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	260646656
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	857034240
CDD_MechMtrPos1_Rev_G_u0p16[0]	23592
CDD_MechMtrPos1_Rev_G_u0p16[1]	32112
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	123018752
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	885536512
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.55610001
CDD_MtrCurr1_Volts_G_f32[1]	2.38930011
CDD_MtrCurr2_Volts_G_f32[0]	1.36389995
CDD_MtrCurr2_Volts_G_f32[1]	2.42910004
CDD_MtrCurrDax_Amp_G_f32[0]	-90.3880005
CDD_MtrCurrDax_Amp_G_f32[1]	110.377998
CDD_MtrCurrK1_Amps_G_f32[0]	-26.2254009
CDD_MtrCurrK1_Amps_G_f32[1]	35.0107002
CDD_MtrCurrK2_Amps_G_f32[0]	109.404999
CDD_MtrCurrK2_Amps_G_f32[1]	208.302994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-88.2425003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	12.4611998
CDD_MtrCurrQax_Amp_G_f32[0]	-163.610001
CDD_MtrCurrQax_Amp_G_f32[1]	76.6238022
CDD_MtrVoltDax_Volt_G_f32[0]	4.90869999
CDD_MtrVoltDax_Volt_G_f32[1]	1.74179995
CDD_MtrVoltQax_Volt_G_f32[0]	1.57079995
CDD_MtrVoltQax_Volt_G_f32[1]	2.09910011
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	49999
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	141050
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	17282
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	189511
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	165494
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	183102
CDD_PhaseAdvFinal_Cnt_G_u16[0]	31393
CDD_PhaseAdvFinal_Cnt_G_u16[1]	63764
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	11727
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	26692
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	5898
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8519
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2623
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2984
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	17694
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24248

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.38930011	2.38930011 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.42910004	2.42910004 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.170000002	0.170000002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.569992065	0.570007026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.88999939	0.889998972 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	51351	51351	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	57100	57100	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	47565	47565	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4600	4600	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	10199	10199	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	62849	62849	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	57419	57419	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	141050	141050	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	189511	189511	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	183102	183102	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-166	-166	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	857034240	857034240	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.489990234	0.490005493 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	885536512	885536512	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	110.377998	110.377998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	35.0107002	35.0107002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	208.302994	208.302994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	12.4611998	12.4611998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	76.6238022	76.6238022 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.74179995	1.74179995 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.09910011	2.09910011 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	26692	26692	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.129989624	0.130005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2984	2984	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	24248	24248 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.74 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.150000006
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.209999993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	29490
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	39976
CDD_CumMechMtrPos_Rev_G_s15p16[0]	19759
CDD_CumMechMtrPos_Rev_G_s15p16[1]	31299
CDD_Die1RxError_Cnt_G_u16[0]	4715
CDD_Die1RxError_Cnt_G_u16[1]	57216
CDD_Die1RxMtrPos_Cnt_G_u16[0]	14834
CDD_Die1RxMtrPos_Cnt_G_u16[1]	51935
CDD_Die1RxRevCtr_Cnt_G_u16[0]	21665
CDD_Die1RxRevCtr_Cnt_G_u16[1]	29365
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4592
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4715
CDD_Die2RxError_Cnt_G_u16[0]	48435
CDD_Die2RxError_Cnt_G_u16[1]	64800
CDD_Die2RxMtrPos_Cnt_G_u16[0]	20583
CDD_Die2RxMtrPos_Cnt_G_u16[1]	33619
CDD_Die2RxRevCtr_Cnt_G_u16[0]	46484
CDD_Die2RxRevCtr_Cnt_G_u16[1]	54184
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1281046528
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3362838784
CDD_MechMtrPos1_Rev_G_u0p16[0]	25548
CDD_MechMtrPos1_Rev_G_u0p16[1]	34733
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1269917952
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2124187648
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	2.98160005
CDD_MtrCurr1_Volts_G_f32[1]	3.88980007
CDD_MtrCurr2_Volts_G_f32[0]	2.96609998
CDD_MtrCurr2_Volts_G_f32[1]	4.15950012
CDD_MtrCurrDax_Amp_G_f32[0]	-125.144997
CDD_MtrCurrDax_Amp_G_f32[1]	66.2001038
CDD_MtrCurrK1_Amps_G_f32[0]	-148.697006
CDD_MtrCurrK1_Amps_G_f32[1]	-38.5728989
CDD_MtrCurrK2_Amps_G_f32[0]	0
CDD_MtrCurrK2_Amps_G_f32[1]	0
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-161.826004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-110.011002
CDD_MtrCurrQax_Amp_G_f32[0]	-207.787994
CDD_MtrCurrQax_Amp_G_f32[1]	41.8666992
CDD_MtrVoltDax_Volt_G_f32[0]	3.24239993
CDD_MtrVoltDax_Volt_G_f32[1]	4.74069977
CDD_MtrVoltQax_Volt_G_f32[0]	3.70129991
CDD_MtrVoltQax_Volt_G_f32[1]	4.89470005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	67899
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	181121
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	80852
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	183911
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	23172
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	36508
CDD_PhaseAdvFinal_Cnt_G_u16[0]	37863
CDD_PhaseAdvFinal_Cnt_G_u16[1]	45563
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	792
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	8492
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	7864
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	11141
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3804
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4077
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	7864
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	11141

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.98160005	2.98160005 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.96609998	2.96609998 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.150000006	0.150000006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.449981689	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	29490	29490 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.301498413	0.301497996 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	4715	4715	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	14834	14834	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	21665	21665	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4592	4592	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	48435	48435	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	20583	20583	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	46484	46484	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	67899	67899	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	80852	80852	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	23172	23172	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2594	-2594	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1281046528	1281046528	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.389831543	0.389846802 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1269917952	1269917952	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-125.144997	-125.144997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-148.697006	-148.697006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	0	0 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-161.826004	-161.826004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-207.787994	-207.787994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.24239993	3.24239993 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.70129991	3.70129991 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	792	792	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.119995117	0.119994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3804	3804	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	7864	7864 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.75 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.180000007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	31424
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	42597
CDD_CumMechMtrPos_Rev_G_s15p16[0]	57560
CDD_CumMechMtrPos_Rev_G_s15p16[1]	6602
CDD_Die1RxError_Cnt_G_u16[0]	48116
CDD_Die1RxError_Cnt_G_u16[1]	48551
CDD_Die1RxMtrPos_Cnt_G_u16[0]	29800
CDD_Die1RxMtrPos_Cnt_G_u16[1]	54300
CDD_Die1RxRevCtr_Cnt_G_u16[0]	41000
CDD_Die1RxRevCtr_Cnt_G_u16[1]	44765
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1568
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1610
CDD_Die2RxError_Cnt_G_u16[0]	18599
CDD_Die2RxError_Cnt_G_u16[1]	63835
CDD_Die2RxMtrPos_Cnt_G_u16[0]	11483
CDD_Die2RxMtrPos_Cnt_G_u16[1]	60049
CDD_Die2RxRevCtr_Cnt_G_u16[0]	283
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4048
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	77142784
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1407545856
CDD_MechMtrPos1_Rev_G_u0p16[0]	27524
CDD_MechMtrPos1_Rev_G_u0p16[1]	37355
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	673530368
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	702032640
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.29980004
CDD_MtrCurr1_Volts_G_f32[1]	3.15829992
CDD_MtrCurr2_Volts_G_f32[0]	2.1329
CDD_MtrCurr2_Volts_G_f32[1]	2.17269993
CDD_MtrCurrDax_Amp_G_f32[0]	-109.230003
CDD_MtrCurrDax_Amp_G_f32[1]	166.904007
CDD_MtrCurrK1_Amps_G_f32[0]	-45.0671997
CDD_MtrCurrK1_Amps_G_f32[1]	91.5363007
CDD_MtrCurrK2_Amps_G_f32[0]	-89.5934982
CDD_MtrCurrK2_Amps_G_f32[1]	-86.6520996
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-31.7168999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-6.38070011
CDD_MtrCurrQax_Amp_G_f32[0]	-107.084
CDD_MtrCurrQax_Amp_G_f32[1]	57.7820015
CDD_MtrVoltDax_Volt_G_f32[0]	0.510900021
CDD_MtrVoltDax_Volt_G_f32[1]	4.65229988
CDD_MtrVoltQax_Volt_G_f32[0]	1.31449997
CDD_MtrVoltQax_Volt_G_f32[1]	2.86809993
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	41454
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	166685
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	42917
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	180966
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	8737
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	156949
CDD_PhaseAdvFinal_Cnt_G_u16[0]	57198
CDD_PhaseAdvFinal_Cnt_G_u16[1]	60963
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	20127
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	23892
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	9830
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	13762
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2448
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3509
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	9830
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	13762

Name	Input Value
NxtrMEC_UIs_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_UIs_f32	target_CDDInterface9_Per1_ModIdxFinal_UIs_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.15829992	3.15829992 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.17269993	2.17269993 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.25	0.25 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.649978638	0.649994016 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	42597	42597 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.100738525	0.100738525 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	48551	48551	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	54300	54300	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	44765	44765	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1610	1610	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	63835	63835	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	60049	60049	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	4048	4048	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	166685	166685	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	180966	180966	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	156949	156949	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-428	-428	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1407545856	1407545856	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.569992065	0.570007324 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	702032640	702032640	✔
target_CDDInterface9_Per1_ModIdxFinal_UIs_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	166.904007	166.904007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	91.5363007	91.5363007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-86.6520996	-86.6520996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-6.38070011	-6.38070011 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	57.7820015	57.7820015 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.65229988	4.65229988 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.86809993	2.86809993 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	23892	23892	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.209991455	0.210006997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3509	3509	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.76 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.209999993	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.289999992	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	33422	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	45219	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	14162	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	48103	
CDD_Die1RxError_Cnt_G_u16[0]	14781	
CDD_Die1RxError_Cnt_G_u16[1]	32016	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	37765	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	62000	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4164	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	49135	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1680	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1725	
CDD_Die2RxError_Cnt_G_u16[0]	23234	
CDD_Die2RxError_Cnt_G_u16[1]	26734	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	43684	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	60919	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	28984	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	56549	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1711303936	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1940683776	
CDD_MechMtrPos1_Rev_G_u0p16[0]	29489	
CDD_MechMtrPos1_Rev_G_u0p16[1]	39976	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3913350400	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3924478976	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	3.58270001	
CDD_MtrCurr1_Volts_G_f32[1]	3.90310001	
CDD_MtrCurr2_Volts_G_f32[0]	0.658900023	
CDD_MtrCurr2_Volts_G_f32[1]	0.674499989	
CDD_MtrCurrDax_Amp_G_f32[0]	-103.376999	
CDD_MtrCurrDax_Amp_G_f32[1]	-57.4146996	
CDD_MtrCurrK1_Amps_G_f32[0]	122.725998	
CDD_MtrCurrK1_Amps_G_f32[1]	146.278	
CDD_MtrCurrK2_Amps_G_f32[0]	-208.149994	
CDD_MtrCurrK2_Amps_G_f32[1]	-92.1718979	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-220	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-220	
CDD_MtrCurrQax_Amp_G_f32[0]	-53.4852982	
CDD_MtrCurrQax_Amp_G_f32[1]	109.597	
CDD_MtrVoltDax_Volt_G_f32[0]	0.935199976	
CDD_MtrVoltDax_Volt_G_f32[1]	1.25559998	
CDD_MtrVoltQax_Volt_G_f32[0]	1.39409995	
CDD_MtrVoltQax_Volt_G_f32[1]	1.81620002	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	64953	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	190994	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3946	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	14627	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	106487	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	107005	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	20363	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	47928	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	10857	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	48828	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	11796	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16384	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1415	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1425	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	11796	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16384	

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.58270001	3.58270001 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.658900023	0.658900023 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.209999993	0.209999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.509979248	0.50997901 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	33422	33422 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.216094971	0.216095001 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	14781	14781	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	37765	37765	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	4164	4164	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1680	1680	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	23234	23234	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	43684	43684	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	28984	28984	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	64953	64953	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	3946	3946	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	106487	106487	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1909	1909	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1711303936	1711303936	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.449966431	0.449981689 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3913350400	3913350400	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-103.376999	-103.376999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	122.725998	122.725998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-208.149994	-208.149994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-53.4852982	-53.4852982 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.935199976	0.935199976 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.39409995	1.39409995 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	10857	10857	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.179992676	0.179993004 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1415	1415	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	11796	11796 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.77 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.239999995	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.330000013	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65175	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	12164	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	12499	
CDD_Die1RxError_Cnt_G_u16[0]	11715	
CDD_Die1RxError_Cnt_G_u16[1]	49081	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	6699	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	58935	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4599	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	62700	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1792	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1840	
CDD_Die2RxError_Cnt_G_u16[0]	16234	
CDD_Die2RxError_Cnt_G_u16[1]	47735	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	12448	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	40619	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	21983	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	29418	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1252544256	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3316962816	
CDD_MechMtrPos1_Rev_G_u0p16[0]	31456	
CDD_MechMtrPos1_Rev_G_u0p16[1]	42597	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1877434112	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2582947328	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	2.94180012	
CDD_MtrCurr1_Volts_G_f32[1]	1.82579994	
CDD_MtrCurr2_Volts_G_f32[0]	3.81480002	
CDD_MtrCurr2_Volts_G_f32[1]	4.80039978	
CDD_MtrCurrDax_Amp_G_f32[0]	-78.0404968	
CDD_MtrCurrDax_Amp_G_f32[1]	11.4583998	
CDD_MtrCurrK1_Amps_G_f32[0]	-153.408005	
CDD_MtrCurrK1_Amps_G_f32[1]	75.6210022	
CDD_MtrCurrK2_Amps_G_f32[0]	22.6632004	
CDD_MtrCurrK2_Amps_G_f32[1]	212.225006	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	220	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	220	
CDD_MtrCurrQax_Amp_G_f32[0]	88.9712982	
CDD_MtrCurrQax_Amp_G_f32[1]	178.470001	
CDD_MtrVoltDax_Volt_G_f32[0]	0.29429999	
CDD_MtrVoltDax_Volt_G_f32[1]	3.1782999	
CDD_MtrVoltQax_Volt_G_f32[0]	2.95650005	
CDD_MtrVoltQax_Volt_G_f32[1]	1.53559995	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	55599	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	96188	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	78716	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	182584	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	11682	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	44535	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3393	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	13363	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	41827	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	49262	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	13762	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	19005	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	146	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3569	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	13762	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	19005	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.94180012	2.94180012 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.81480002	3.81480002 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.239999995	0.239999995 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.18560791	0.18560791 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	11715	11715	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	6699	6699	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	4599	4599	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1792	1792	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	16234	16234	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	12448	12448	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	21983	21983	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	55599	55599	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	78716	78716	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	11682	11682	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	318	318	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1252544256	1252544256	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.479980469	0.479995728 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1877434112	1877434112	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-78.0404968	-78.0404968 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-153.408005	-153.408005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	22.6632004	22.6632004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	88.9712982	88.9712982 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.29429999	0.29429999 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.95650005	2.95650005 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	41827	41827	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.209991455	0.210006997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	146	146	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.78 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.270000011
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.370000005
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	1965
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	3276
CDD_CumMechMtrPos_Rev_G_s15p16[0]	19759
CDD_CumMechMtrPos_Rev_G_s15p16[1]	31299
CDD_Die1RxError_Cnt_G_u16[0]	27551
CDD_Die1RxError_Cnt_G_u16[1]	45581
CDD_Die1RxMtrPos_Cnt_G_u16[0]	27265
CDD_Die1RxMtrPos_Cnt_G_u16[1]	33300
CDD_Die1RxRevCtr_Cnt_G_u16[0]	14399
CDD_Die1RxRevCtr_Cnt_G_u16[1]	65235
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1904
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1955
CDD_Die2RxError_Cnt_G_u16[0]	1364
CDD_Die2RxError_Cnt_G_u16[1]	57535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	8948
CDD_Die2RxMtrPos_Cnt_G_u16[1]	39049
CDD_Die2RxRevCtr_Cnt_G_u16[0]	24518
CDD_Die2RxRevCtr_Cnt_G_u16[1]	39219
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1418674432
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3959226368
CDD_MechMtrPos1_Rev_G_u0p16[0]	47382
CDD_MechMtrPos1_Rev_G_u0p16[1]	11396
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1648054272
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3620720896
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.72299999
CDD_MtrCurr1_Volts_G_f32[1]	3.17389989
CDD_MtrCurr2_Volts_G_f32[0]	0.250099987
CDD_MtrCurr2_Volts_G_f32[1]	3.49429989
CDD_MtrCurrDax_Amp_G_f32[0]	-174.033997
CDD_MtrCurrDax_Amp_G_f32[1]	190.455994
CDD_MtrCurrK1_Amps_G_f32[0]	-87.4615021
CDD_MtrCurrK1_Amps_G_f32[1]	-24.4414997
CDD_MtrCurrK2_Amps_G_f32[0]	-122.219002
CDD_MtrCurrK2_Amps_G_f32[1]	-0.889100015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	207.044998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	20.2786007
CDD_MtrCurrQax_Amp_G_f32[0]	-124.141998
CDD_MtrCurrQax_Amp_G_f32[1]	-83.5319977
CDD_MtrVoltDax_Volt_G_f32[0]	4.07550001
CDD_MtrVoltDax_Volt_G_f32[1]	4.93289995
CDD_MtrVoltQax_Volt_G_f32[0]	2.63610005
CDD_MtrVoltQax_Volt_G_f32[1]	1.39180005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	158949
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	177367
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	108624
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	190320
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	1001
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	92861
CDD_PhaseAdvFinal_Cnt_G_u16[0]	13193
CDD_PhaseAdvFinal_Cnt_G_u16[1]	64029
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	44362
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	59063
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15728
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	21626
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1136
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3350
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15728
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	21626

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.17389989	3.17389989 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.49429989	3.49429989 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.370000005	0.370000005 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.049987793	0.0500031002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	3276	3276 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.477584839	0.477600008 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	45581	45581	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	33300	33300	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	65235	65235	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1955	1955	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	57535	57535	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	39049	39049	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	39219	39219	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	177367	177367	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	190320	190320	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	92861	92861	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-141	-141	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3959226368	3959226368	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.17388916	0.173904419 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3620720896	3620720896	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	190.455994	190.455994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-24.4414997	-24.4414997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-0.889100015	-0.889100015 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	20.2786007	20.2786007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-83.5319977	-83.5319977 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.93289995	4.93289995 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.39180005	1.39180005 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	59063	59063	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3350	3350	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.79 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.300000012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.409999996
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	3931
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	5897
CDD_CumMechMtrPos_Rev_G_s15p16[0]	57560
CDD_CumMechMtrPos_Rev_G_s15p16[1]	6602
CDD_Die1RxError_Cnt_G_u16[0]	22216
CDD_Die1RxError_Cnt_G_u16[1]	44181
CDD_Die1RxMtrPos_Cnt_G_u16[0]	25865
CDD_Die1RxMtrPos_Cnt_G_u16[1]	27965
CDD_Die1RxRevCtr_Cnt_G_u16[0]	35835
CDD_Die1RxRevCtr_Cnt_G_u16[1]	37065
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2016
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2070
CDD_Die2RxError_Cnt_G_u16[0]	14664
CDD_Die2RxError_Cnt_G_u16[1]	37500
CDD_Die2RxMtrPos_Cnt_G_u16[0]	7548
CDD_Die2RxMtrPos_Cnt_G_u16[1]	51119
CDD_Die2RxRevCtr_Cnt_G_u16[0]	43249
CDD_Die2RxRevCtr_Cnt_G_u16[1]	61884
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2290317824
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2646196992
CDD_MechMtrPos1_Rev_G_u0p16[0]	25663
CDD_MechMtrPos1_Rev_G_u0p16[1]	58241
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1556302336
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3271086848
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	4.39160013
CDD_MtrCurr1_Volts_G_f32[1]	4.88870001
CDD_MtrCurr2_Volts_G_f32[0]	3.36610007
CDD_MtrCurr2_Volts_G_f32[1]	4.76170015
CDD_MtrCurrDax_Amp_G_f32[0]	-183.455002
CDD_MtrCurrDax_Amp_G_f32[1]	-169.322998
CDD_MtrCurrK1_Amps_G_f32[0]	65.0574036
CDD_MtrCurrK1_Amps_G_f32[1]	218.718994
CDD_MtrCurrK2_Amps_G_f32[0]	-158.117996
CDD_MtrCurrK2_Amps_G_f32[1]	-10.3100996
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	0
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	0
CDD_MtrCurrQax_Amp_G_f32[0]	-133.563004
CDD_MtrCurrQax_Amp_G_f32[1]	-119.431999
CDD_MtrVoltDax_Volt_G_f32[0]	0.150600001
CDD_MtrVoltDax_Volt_G_f32[1]	2.24119997
CDD_MtrVoltQax_Volt_G_f32[0]	0.496899992
CDD_MtrVoltQax_Volt_G_f32[1]	0.5079
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	154677
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	161086
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	30909
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	100597
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	76579
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	196729
CDD_PhaseAdvFinal_Cnt_G_u16[0]	34628
CDD_PhaseAdvFinal_Cnt_G_u16[1]	53263
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	16192
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	63093
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	17694
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24248
CDD_SysCVSwitchADC_Cnt_G_u16[0]	802
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3263
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	17694
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24248

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.88870001	4.88870001 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.76170015	4.76170015 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.409999996	0.409999996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.0899810791	0.0899963006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	5897	5897 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.100738525	0.100738525 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	44181	44181	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	27965	27965	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	37065	37065	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2070	2070	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	37500	37500	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	51119	51119	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	61884	61884	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	161086	161086	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	100597	100597	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	196729	196729	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1150	-1150	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2646196992	2646196992	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.888687134	0.888702393 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3271086848	3271086848	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-169.322998	-169.322998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	218.718994	218.718994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-10.3100996	-10.3100996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	0	0 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-119.431999	-119.431999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.24119997	2.24119997 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.5079	0.5079 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	63093	63093	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.369995117	0.369994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3263	3263	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	24248	24248 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.80 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.330000013
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.449999988
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	5832
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8519
CDD_CumMechMtrPos_Rev_G_s15p16[0]	14162
CDD_CumMechMtrPos_Rev_G_s15p16[1]	48103
CDD_Die1RxError_Cnt_G_u16[0]	26416
CDD_Die1RxError_Cnt_G_u16[1]	31581
CDD_Die1RxMtrPos_Cnt_G_u16[0]	13264
CDD_Die1RxMtrPos_Cnt_G_u16[1]	32165
CDD_Die1RxRevCtr_Cnt_G_u16[0]	399
CDD_Die1RxRevCtr_Cnt_G_u16[1]	64100
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2128
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2185
CDD_Die2RxError_Cnt_G_u16[0]	17634
CDD_Die2RxError_Cnt_G_u16[1]	43535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	55319
CDD_Die2RxMtrPos_Cnt_G_u16[1]	60484
CDD_Die2RxRevCtr_Cnt_G_u16[0]	23383
CDD_Die2RxRevCtr_Cnt_G_u16[1]	25218
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1344296192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3041707008
CDD_MechMtrPos1_Rev_G_u0p16[0]	4587
CDD_MechMtrPos1_Rev_G_u0p16[1]	28914
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	730534912
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3546342656
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	3.06999993
CDD_MtrCurr1_Volts_G_f32[1]	4.44119978
CDD_MtrCurr2_Volts_G_f32[0]	0.146200001
CDD_MtrCurr2_Volts_G_f32[1]	2.21259999
CDD_MtrCurrDax_Amp_G_f32[0]	-141.061005
CDD_MtrCurrDax_Amp_G_f32[1]	55.6365013
CDD_MtrCurrK1_Amps_G_f32[0]	-181.671005
CDD_MtrCurrK1_Amps_G_f32[1]	85.0419006
CDD_MtrCurrK2_Amps_G_f32[0]	-129.856003
CDD_MtrCurrK2_Amps_G_f32[1]	-95.0985031
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-177.438004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-37.8857002
CDD_MtrCurrQax_Amp_G_f32[0]	-218.352005
CDD_MtrCurrQax_Amp_G_f32[1]	-91.1690979
CDD_MtrVoltDax_Volt_G_f32[0]	0.422500014
CDD_MtrVoltDax_Volt_G_f32[1]	2.79380012
CDD_MtrVoltQax_Volt_G_f32[0]	0.881399989
CDD_MtrVoltQax_Volt_G_f32[1]	1.35430002
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	116224
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	173903
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	65898
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	186857
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	89397
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	158276
CDD_PhaseAdvFinal_Cnt_G_u16[0]	14763
CDD_PhaseAdvFinal_Cnt_G_u16[1]	64729
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	43227
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	45062
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	19660
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26869
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1065
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2475
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	19660
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26869

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.44119978	4.44119978 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.21259999	2.21259999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.449999988	0.449999988 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.129989624	0.130005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	8519	8519 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.73399353	0.733994007 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	31581	31581	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	32165	32165	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	64100	64100	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2185	2185	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	43535	43535	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	60484	60484	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	25218	25218	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	173903	173903	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	186857	186857	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	158276	158276	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-75	-75	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3041707008	3041707008	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.441192627	0.441192627 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3546342656	3546342656	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	55.6365013	55.6365013 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	85.0419006	85.0419006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-95.0985031	-95.0985031 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-37.8857002	-37.8857002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-91.1690979	-91.1690979 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.79380012	2.79380012 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.35430002	1.35430002 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	45062	45062	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.409988403	0.41000399 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2475	2475	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	26869	26869 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.81 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.360000014
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.49000001
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	7864
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	11140
CDD_CumMechMtrPos_Rev_G_s15p16[0]	12164
CDD_CumMechMtrPos_Rev_G_s15p16[1]	12499
CDD_Die1RxError_Cnt_G_u16[0]	49251
CDD_Die1RxError_Cnt_G_u16[1]	64216
CDD_Die1RxMtrPos_Cnt_G_u16[0]	21834
CDD_Die1RxMtrPos_Cnt_G_u16[1]	30935
CDD_Die1RxRevCtr_Cnt_G_u16[0]	12299
CDD_Die1RxRevCtr_Cnt_G_u16[1]	42135
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2240
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2300
CDD_Die2RxError_Cnt_G_u16[0]	13964
CDD_Die2RxError_Cnt_G_u16[1]	19734
CDD_Die2RxMtrPos_Cnt_G_u16[0]	27584
CDD_Die2RxMtrPos_Cnt_G_u16[1]	60749
CDD_Die2RxRevCtr_Cnt_G_u16[0]	37119
CDD_Die2RxRevCtr_Cnt_G_u16[1]	49549
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1481924096
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2244441856
CDD_MechMtrPos1_Rev_G_u0p16[0]	17183
CDD_MechMtrPos1_Rev_G_u0p16[1]	21463
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	747908608
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1728677632
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	3.26220012
CDD_MtrCurr1_Volts_G_f32[1]	4.32749987
CDD_MtrCurr2_Volts_G_f32[0]	2.23679996
CDD_MtrCurr2_Volts_G_f32[1]	3.60700011
CDD_MtrCurrDax_Amp_G_f32[0]	113.305
CDD_MtrCurrDax_Amp_G_f32[1]	174.541
CDD_MtrCurrK1_Amps_G_f32[0]	60.3469009
CDD_MtrCurrK1_Amps_G_f32[1]	99.1733017
CDD_MtrCurrK2_Amps_G_f32[0]	23.8059006
CDD_MtrCurrK2_Amps_G_f32[1]	124.510002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-24.0799007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	216.154007
CDD_MtrCurrQax_Amp_G_f32[0]	-220
CDD_MtrCurrQax_Amp_G_f32[1]	-220
CDD_MtrVoltDax_Volt_G_f32[0]	0.0864999965
CDD_MtrVoltDax_Volt_G_f32[1]	0.614799976
CDD_MtrVoltQax_Volt_G_f32[0]	1.3786
CDD_MtrVoltQax_Volt_G_f32[1]	4.3421998
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	89261
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	117033
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	28772
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	193266
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	57871
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	159085
CDD_PhaseAdvFinal_Cnt_G_u16[0]	11093
CDD_PhaseAdvFinal_Cnt_G_u16[1]	40928
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3857
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	56963
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	21626
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	29491
CDD_SysCVSwitchADC_Cnt_G_u16[0]	419
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2492
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	21626
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	29491

Name	Input Value
NxtrMEC_UIs_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_UIs_f32	target_CDDInterface9_Per1_ModIdxFinal_UIs_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.26220012	3.26220012 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.23679996	2.23679996 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.360000014	0.360000014 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.119995117	0.119994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	7864	7864 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.18560791	0.18560791 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	49251	49251	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	21834	21834	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	12299	12299	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2240	2240	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	13964	13964	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	27584	27584	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	37119	37119	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	89261	89261	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	28772	28772	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	57871	57871	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1039	1039	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1481924096	1481924096	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.262191772	0.262207031 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	747908608	747908608	✔
target_CDDInterface9_Per1_ModIdxFinal_UIs_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	113.305	113.305 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	60.3469009	60.3469009 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	23.8059006	23.8059006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-24.0799007	-24.0799007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-220	-220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.0864999965	0.0864999965 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.3786	1.3786 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	3857	3857	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	419	419	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.82 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.389999986
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.529999971
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	9829
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	13762
CDD_CumMechMtrPos_Rev_G_s15p16[0]	19759
CDD_CumMechMtrPos_Rev_G_s15p16[1]	31299
CDD_Die1RxError_Cnt_G_u16[0]	38316
CDD_Die1RxError_Cnt_G_u16[1]	46016
CDD_Die1RxMtrPos_Cnt_G_u16[0]	19999
CDD_Die1RxMtrPos_Cnt_G_u16[1]	51765
CDD_Die1RxRevCtr_Cnt_G_u16[0]	18165
CDD_Die1RxRevCtr_Cnt_G_u16[1]	55265
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2352
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2415
CDD_Die2RxError_Cnt_G_u16[0]	32865
CDD_Die2RxError_Cnt_G_u16[1]	37235
CDD_Die2RxMtrPos_Cnt_G_u16[0]	1683
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9383
CDD_Die2RxRevCtr_Cnt_G_u16[0]	14548
CDD_Die2RxRevCtr_Cnt_G_u16[1]	42984
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2628823296
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3483092992
CDD_MechMtrPos1_Rev_G_u0p16[0]	3787
CDD_MechMtrPos1_Rev_G_u0p16[1]	56649
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	31266816
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	535902464
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0.0577999987
CDD_MtrCurr1_Volts_G_f32[1]	4.86439991
CDD_MtrCurr2_Volts_G_f32[0]	1.23570001
CDD_MtrCurr2_Volts_G_f32[1]	1.94070005
CDD_MtrCurrDax_Amp_G_f32[0]	-9.16740036
CDD_MtrCurrDax_Amp_G_f32[1]	100.957001
CDD_MtrCurrK1_Amps_G_f32[0]	-136.350006
CDD_MtrCurrK1_Amps_G_f32[1]	216.934998
CDD_MtrCurrK2_Amps_G_f32[0]	-49.7776985
CDD_MtrCurrK2_Amps_G_f32[1]	2.03740001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-185.378006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	64.2762985
CDD_MtrCurrQax_Amp_G_f32[0]	220
CDD_MtrCurrQax_Amp_G_f32[1]	220
CDD_MtrVoltDax_Volt_G_f32[0]	1.81690001
CDD_MtrVoltDax_Volt_G_f32[1]	2.21700001
CDD_MtrVoltQax_Volt_G_f32[0]	1.97090006
CDD_MtrVoltQax_Volt_G_f32[1]	2.67589998
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	33718
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	136778
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	46672
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	86452
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	2328
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	178830
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5928
CDD_PhaseAdvFinal_Cnt_G_u16[1]	34363
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	34392
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	62828
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	23592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32112
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2896
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3377
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	23592
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32112

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.0577999987	0.0577999987 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.23570001	1.23570001 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.389999986	0.389999986 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.149978638	0.149994001 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	9829	9829 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.301498413	0.301497996 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	38316	38316	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	19999	19999	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	18165	18165	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2352	2352	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	32865	32865	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	1683	1683	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	14548	14548	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	33718	33718	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	46672	46672	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	2328	2328	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	555	555	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2628823296	2628823296	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.0577850342	0.057800293 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	31266816	31266816	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-9.16740036	-9.16740036 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-136.350006	-136.350006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-49.7776985	-49.7776985 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-185.378006	-185.378006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	220	220 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.81690001	1.81690001 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.97090006	1.97090006 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	34392	34392	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.359985352	0.360000998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2896	2896	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	23592	23592 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.83 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.419999987	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.569999993	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	11796	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16384	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	57560	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	6602	
CDD_Die1RxError_Cnt_G_u16[0]	57651	
CDD_Die1RxError_Cnt_G_u16[1]	61416	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	19034	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	39335	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	9499	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	50535	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2464	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2530	
CDD_Die2RxError_Cnt_G_u16[0]	11164	
CDD_Die2RxError_Cnt_G_u16[1]	28135	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	21018	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	24783	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	34319	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	57949	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2032435712	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2060937984	
CDD_MechMtrPos1_Rev_G_u0p16[0]	2051	
CDD_MechMtrPos1_Rev_G_u0p16[1]	4659	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1298420224	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1545173760	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	4.03130007	
CDD_MtrCurr1_Volts_G_f32[1]	4.07110023	
CDD_MtrCurr2_Volts_G_f32[0]	3.00589991	
CDD_MtrCurr2_Volts_G_f32[1]	3.3506	
CDD_MtrCurrDax_Amp_G_f32[0]	-209.934006	
CDD_MtrCurrDax_Amp_G_f32[1]	94.4628983	
CDD_MtrCurrK1_Amps_G_f32[0]	41.5051003	
CDD_MtrCurrK1_Amps_G_f32[1]	155.699005	
CDD_MtrCurrK2_Amps_G_f32[0]	80.3314972	
CDD_MtrCurrK2_Amps_G_f32[1]	105.667999	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	32.4457016	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	197.311996	
CDD_MtrCurrQax_Amp_G_f32[0]	53.4179993	
CDD_MtrCurrQax_Amp_G_f32[1]	148.074997	
CDD_MtrVoltDax_Volt_G_f32[0]	1.38380003	
CDD_MtrVoltDax_Volt_G_f32[1]	0.830200016	
CDD_MtrVoltQax_Volt_G_f32[0]	3.74110007	
CDD_MtrVoltQax_Volt_G_f32[1]	4.08580017	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	80716	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	142668	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	18900	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	20227	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	49326	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	184720	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	8293	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	49328	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	12257	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	54163	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	25559	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34734	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	244	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3017	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	25559	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34734	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.07110023	4.07110023 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.3506	3.3506 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.569999993	0.569999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.25	0.25 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	16384	16384 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.100738525	0.100738525 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	61416	61416	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	39335	39335	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	50535	50535	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2530	2530	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	28135	28135	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	24783	24783	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	57949	57949	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	142668	142668	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	20227	20227	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	184720	184720	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1519	-1519	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2060937984	2060937984	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.0710906982	0.071105957 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1545173760	1545173760	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	94.4628983	94.4628983 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	155.699005	155.699005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	105.667999	105.667999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	197.311996	197.311996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	148.074997	148.074997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.830200016	0.830200016 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	4.08580017	4.08580017 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	54163	54163	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.529998779	0.529999018 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3017	3017	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	34734	34734 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.84 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.449999988	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.610000014	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	41287	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	55705	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	14162	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	48103	
CDD_Die1RxError_Cnt_G_u16[0]	20816	
CDD_Die1RxError_Cnt_G_u16[1]	48381	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	26565	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	30065	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	17199	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	58500	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2576	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2645	
CDD_Die2RxError_Cnt_G_u16[0]	60165	
CDD_Die2RxError_Cnt_G_u16[1]	60335	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	11748	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	49719	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	17783	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	42019	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	977288448	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4142730240	
CDD_MechMtrPos1_Rev_G_u0p16[0]	64172	
CDD_MechMtrPos1_Rev_G_u0p16[1]	36523	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1831558144	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3179334912	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	0.979300022	
CDD_MtrCurr1_Volts_G_f32[1]	2.55730009	
CDD_MtrCurr2_Volts_G_f32[0]	3.7507	
CDD_MtrCurr2_Volts_G_f32[1]	0.63349998	
CDD_MtrCurrDax_Amp_G_f32[0]	-178.744003	
CDD_MtrCurrDax_Amp_G_f32[1]	-155.192001	
CDD_MtrCurrK1_Amps_G_f32[0]	-68.6195984	
CDD_MtrCurrK1_Amps_G_f32[1]	47.3582001	
CDD_MtrCurrK2_Amps_G_f32[0]	-167.539001	
CDD_MtrCurrK2_Amps_G_f32[1]	17.9526997	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-191.873001	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	86.0447998	
CDD_MtrCurrQax_Amp_G_f32[0]	0	
CDD_MtrCurrQax_Amp_G_f32[1]	0	
CDD_MtrVoltDax_Volt_G_f32[0]	4.31629992	
CDD_MtrVoltDax_Volt_G_f32[1]	4.33190012	
CDD_MtrVoltQax_Volt_G_f32[0]	0.368699998	
CDD_MtrVoltQax_Volt_G_f32[1]	2.89240003	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	156813	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	167494	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	169767	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	170285	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	9546	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	72307	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	9163	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	15993	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	37627	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	61863	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	27525	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	37355	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	715	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3525	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	27525	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	37355	

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.55730009	2.55730009 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.63349998	0.63349998 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.610000014	0.610000014 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.849990845	0.850005984 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	55705	55705 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.73399353	0.733994007 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	48381	48381	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	30065	30065	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	58500	58500	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2645	2645	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	60335	60335	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	49719	49719	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	42019	42019	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	167494	167494	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	170285	170285	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	72307	72307	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1499	1499	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4142730240	4142730240	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.557296753	0.557296753 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3179334912	3179334912	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-155.192001	-155.192001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	47.3582001	47.3582001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	17.9526997	17.9526997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	86.0447998	86.0447998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	0	0 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.33190012	4.33190012 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.89240003	2.89240003 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	61863	61863	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.569992065	0.570007026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3525	3525	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	37355	37355 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.85 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.479999989
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.649999976
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43253
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	58327
CDD_CumMechMtrPos_Rev_G_s15p16[0]	12164
CDD_CumMechMtrPos_Rev_G_s15p16[1]	12499
CDD_Die1RxError_Cnt_G_u16[0]	13815
CDD_Die1RxError_Cnt_G_u16[1]	21250
CDD_Die1RxMtrPos_Cnt_G_u16[0]	19565
CDD_Die1RxMtrPos_Cnt_G_u16[1]	51065
CDD_Die1RxRevCtr_Cnt_G_u16[0]	14134
CDD_Die1RxRevCtr_Cnt_G_u16[1]	27434
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2688
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2760
CDD_Die2RxError_Cnt_G_u16[0]	29100
CDD_Die2RxError_Cnt_G_u16[1]	39865
CDD_Die2RxMtrPos_Cnt_G_u16[0]	32749
CDD_Die2RxMtrPos_Cnt_G_u16[1]	42719
CDD_Die2RxRevCtr_Cnt_G_u16[0]	21549
CDD_Die2RxRevCtr_Cnt_G_u16[1]	34849
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2095685376
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3941852672
CDD_MechMtrPos1_Rev_G_u0p16[0]	45776
CDD_MechMtrPos1_Rev_G_u0p16[1]	7844
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2720575232
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3207837184
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.698700011
CDD_MtrCurr1_Volts_G_f32[1]	4.11969995
CDD_MtrCurr2_Volts_G_f32[0]	4.99259996
CDD_MtrCurr2_Volts_G_f32[1]	1.67330003
CDD_MtrCurrDax_Amp_G_f32[0]	-13.8779001
CDD_MtrCurrDax_Amp_G_f32[1]	215.151001
CDD_MtrCurrK1_Amps_G_f32[0]	-89.2453995
CDD_MtrCurrK1_Amps_G_f32[1]	162.192993
CDD_MtrCurrK2_Amps_G_f32[0]	-214.643997
CDD_MtrCurrK2_Amps_G_f32[1]	-164.613007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-212.498993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-123
CDD_MtrCurrQax_Amp_G_f32[0]	-1.28610003
CDD_MtrCurrQax_Amp_G_f32[1]	-149.968994
CDD_MtrVoltDax_Volt_G_f32[0]	1.47220004
CDD_MtrVoltDax_Volt_G_f32[1]	2.45779991
CDD_MtrVoltQax_Volt_G_f32[0]	4.81510019
CDD_MtrVoltQax_Volt_G_f32[1]	2.72779989
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	31582
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	135450
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	74961
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	107815
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	50944
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	73634
CDD_PhaseAdvFinal_Cnt_G_u16[0]	12928
CDD_PhaseAdvFinal_Cnt_G_u16[1]	26228
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	41393
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	54693
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	29491
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	39976
CDD_SysCVSwitchADC_Cnt_G_u16[0]	277
CDD_SysCVSwitchADC_Cnt_G_u16[1]	742
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	29491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	39976

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.11969995	4.11969995 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.67330003	1.67330003 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.649999976	0.649999976 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.88999939	0.889998972 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	58327	58327 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.190719604	0.190719604 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	21250	21250	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	51065	51065	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	27434	27434	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2760	2760	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	39865	39865	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	42719	42719	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	34849	34849	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	135450	135450	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	107815	107815	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	73634	73634	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2458	2458	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3941852672	3941852672	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.119689941	0.1197052 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3207837184	3207837184	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	215.151001	215.151001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	162.192993	162.192993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-164.613007	-164.613007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-123	-123 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-149.968994	-149.968994 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.45779991	2.45779991 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.72779989	2.72779989 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	54693	54693	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.609985352	0.610001028 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	742	742	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	39976	39976 ± 0.000030517578125	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.86 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.50999999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.689999998
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65175
CDD_CumMechMtrPos_Rev_G_s15p16[0]	19759
CDD_CumMechMtrPos_Rev_G_s15p16[1]	31299
CDD_Die1RxError_Cnt_G_u16[0]	20434
CDD_Die1RxError_Cnt_G_u16[1]	35135
CDD_Die1RxMtrPos_Cnt_G_u16[0]	22100
CDD_Die1RxMtrPos_Cnt_G_u16[1]	60865
CDD_Die1RxRevCtr_Cnt_G_u16[0]	48000
CDD_Die1RxRevCtr_Cnt_G_u16[1]	54035
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2800
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2875
CDD_Die2RxError_Cnt_G_u16[0]	25600
CDD_Die2RxError_Cnt_G_u16[1]	55700
CDD_Die2RxMtrPos_Cnt_G_u16[0]	27849
CDD_Die2RxMtrPos_Cnt_G_u16[1]	42549
CDD_Die2RxRevCtr_Cnt_G_u16[0]	7283
CDD_Die2RxRevCtr_Cnt_G_u16[1]	61449
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	684658944
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1866305536
CDD_MechMtrPos1_Rev_G_u0p16[0]	9732
CDD_MechMtrPos1_Rev_G_u0p16[1]	52376
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2886705408
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3850100736
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	2.14849997
CDD_MtrCurr1_Volts_G_f32[1]	3.79920006
CDD_MtrCurr2_Volts_G_f32[0]	0.570500016
CDD_MtrCurr2_Volts_G_f32[1]	1.22469997
CDD_MtrCurrDax_Amp_G_f32[0]	52.0686989
CDD_MtrCurrDax_Amp_G_f32[1]	115.088997
CDD_MtrCurrK1_Amps_G_f32[0]	-99.8089981
CDD_MtrCurrK1_Amps_G_f32[1]	138.641006
CDD_MtrCurrK2_Amps_G_f32[0]	-197.585999
CDD_MtrCurrK2_Amps_G_f32[1]	-98.6662979
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	15.3878002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	55.9981003
CDD_MtrCurrQax_Amp_G_f32[0]	-158.899994
CDD_MtrCurrQax_Amp_G_f32[1]	101.959999
CDD_MtrVoltDax_Volt_G_f32[0]	0
CDD_MtrVoltDax_Volt_G_f32[1]	0
CDD_MtrVoltQax_Volt_G_f32[0]	4.36639977
CDD_MtrVoltQax_Volt_G_f32[1]	1.71229994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	61490
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	143186
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	64280
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	156140
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	58680
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	103542
CDD_PhaseAdvFinal_Cnt_G_u16[0]	52828
CDD_PhaseAdvFinal_Cnt_G_u16[1]	64198
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	15757
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	27127
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	31457
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	42598
CDD_SysCVSwitchADC_Cnt_G_u16[0]	436
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1354
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	31457
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	42598

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.79920006	3.79920006 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.22469997	1.22469997 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.689999998	0.689999998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.994491577	0.994507015 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	65175	65175 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.477584839	0.477600008 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	35135	35135	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	60865	60865	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	54035	54035	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2875	2875	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	55700	55700	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	42549	42549	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	61449	61449	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	143186	143186	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	156140	156140	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	103542	103542	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-125	-125	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1866305536	1866305536	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.799194336	0.799194336 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3850100736	3850100736	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	115.088997	115.088997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	138.641006	138.641006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-98.6662979	-98.6662979 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	55.9981003	55.9981003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	101.959999	101.959999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.71229994	1.71229994 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	27127	27127	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.649993896	0.649994016 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1354	1354	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	42598	42598 ± 0.000030517578125	✔

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✓
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✓

Test Step 2.87 (Repeat Count = 1) ✓

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.540000021
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.730000019
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	13762
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	19004
CDD_CumMechMtrPos_Rev_G_s15p16[0]	57560
CDD_CumMechMtrPos_Rev_G_s15p16[1]	6302
CDD_Die1RxError_Cnt_G_u16[0]	39165
CDD_Die1RxError_Cnt_G_u16[1]	57800
CDD_Die1RxMtrPos_Cnt_G_u16[0]	35400
CDD_Die1RxMtrPos_Cnt_G_u16[1]	58235
CDD_Die1RxRevCtr_Cnt_G_u16[0]	46600
CDD_Die1RxRevCtr_Cnt_G_u16[1]	48700
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2912
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2990
CDD_Die2RxError_Cnt_G_u16[0]	24200
CDD_Die2RxError_Cnt_G_u16[1]	50365
CDD_Die2RxMtrPos_Cnt_G_u16[0]	17083
CDD_Die2RxMtrPos_Cnt_G_u16[1]	63984
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5883
CDD_Die2RxRevCtr_Cnt_G_u16[1]	7983
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	335024896
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1774553600
CDD_MechMtrPos1_Rev_G_u0p16[0]	43253
CDD_MechMtrPos1_Rev_G_u0p16[1]	43974
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	959914752
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1040538112
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	1.65999997
CDD_MtrCurr1_Volts_G_f32[1]	3.671
CDD_MtrCurr2_Volts_G_f32[0]	2.53299999
CDD_MtrCurr2_Volts_G_f32[1]	2.64560008
CDD_MtrCurrDax_Amp_G_f32[0]	-82.7509995
CDD_MtrCurrDax_Amp_G_f32[1]	204.587006
CDD_MtrCurrK1_Amps_G_f32[0]	-18.5883007
CDD_MtrCurrK1_Amps_G_f32[1]	129.220001
CDD_MtrCurrK2_Amps_G_f32[0]	-71.5460968
CDD_MtrCurrK2_Amps_G_f32[1]	53.8526001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	5.96680021
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	20.0981998
CDD_MtrCurrQax_Amp_G_f32[0]	-69.4005966
CDD_MtrCurrQax_Amp_G_f32[1]	84.2609024
CDD_MtrVoltDax_Volt_G_f32[0]	5
CDD_MtrVoltDax_Volt_G_f32[1]	5
CDD_MtrVoltQax_Volt_G_f32[0]	1.67470002
CDD_MtrVoltQax_Volt_G_f32[1]	3.38080001
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	347
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	183776
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	60007
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	139859
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	25827
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	168958
CDD_PhaseAdvFinal_Cnt_G_u16[0]	62798
CDD_PhaseAdvFinal_Cnt_G_u16[1]	64898
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	25727
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	27827
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	33423
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	45219
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2694
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3859
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	33423
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	45219

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.65999997	1.65999997 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.53299999	2.53299999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.540000021	0.540000021 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.209991455	0.210006997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	13762	13762 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.878295898	0.878296018 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	39165	39165	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	35400	35400	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	46600	46600	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2912	2912	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	24200	24200	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	17083	17083	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	5883	5883	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	347	347	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	60007	60007	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	25827	25827	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-256	-256	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	335024896	335024896	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.659988403	0.660003662 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	959914752	959914752	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-82.7509995	-82.7509995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-18.5883007	-18.5883007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-71.5460968	-71.5460968 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	5.96680021	5.96680021 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-69.4005966	-69.4005966 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.67470002	1.67470002 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	25727	25727	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.509994507	0.509994984 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2694	2694	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	33423	33423 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.88 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.569999993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.769999981
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15728
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	21626
CDD_CumMechMtrPos_Rev_G_s15p16[0]	14162
CDD_CumMechMtrPos_Rev_G_s15p16[1]	48103
CDD_Die1RxError_Cnt_G_u16[0]	19299
CDD_Die1RxError_Cnt_G_u16[1]	21134
CDD_Die1RxMtrPos_Cnt_G_u16[0]	20965
CDD_Die1RxMtrPos_Cnt_G_u16[1]	46865
CDD_Die1RxRevCtr_Cnt_G_u16[0]	34000
CDD_Die1RxRevCtr_Cnt_G_u16[1]	52900
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3808
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3910
CDD_Die2RxError_Cnt_G_u16[0]	11599
CDD_Die2RxError_Cnt_G_u16[1]	54565
CDD_Die2RxMtrPos_Cnt_G_u16[0]	28549
CDD_Die2RxMtrPos_Cnt_G_u16[1]	44119
CDD_Die2RxRevCtr_Cnt_G_u16[0]	12183
CDD_Die2RxRevCtr_Cnt_G_u16[1]	58819
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	610280704
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	948786176
CDD_MechMtrPos1_Rev_G_u0p16[0]	2922
CDD_MechMtrPos1_Rev_G_u0p16[1]	33914
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2812327168
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2932581376
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	2.04460001
CDD_MtrCurr1_Volts_G_f32[1]	2.51749992
CDD_MtrCurr2_Volts_G_f32[0]	4.12080002
CDD_MtrCurr2_Volts_G_f32[1]	1.2888
CDD_MtrCurrDax_Amp_G_f32[0]	-216.427994
CDD_MtrCurrDax_Amp_G_f32[1]	-42.1407013
CDD_MtrCurrK1_Amps_G_f32[0]	9.67450047
CDD_MtrCurrK1_Amps_G_f32[1]	44.4315987
CDD_MtrCurrK2_Amps_G_f32[0]	-205.223007
CDD_MtrCurrK2_Amps_G_f32[1]	-192.876007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-78.8216019
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	48.3610001
CDD_MtrCurrQax_Amp_G_f32[0]	-166.535995
CDD_MtrCurrQax_Amp_G_f32[1]	7.7507
CDD_MtrVoltDax_Volt_G_f32[0]	2.73210001
CDD_MtrVoltDax_Volt_G_f32[1]	3.96000004
CDD_MtrVoltQax_Volt_G_f32[0]	4.43050003
CDD_MtrVoltQax_Volt_G_f32[1]	1.85599995
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	18764
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	139723
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	21554
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	152676
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	55217
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	60816
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3563
CDD_PhaseAdvFinal_Cnt_G_u16[1]	32793
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	13127
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	32027
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	35389
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	47841
CDD_SysCVSwitchADC_Cnt_G_u16[0]	365
CDD_SysCVSwitchADC_Cnt_G_u16[1]	479
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	35389
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	47841

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9_Per1 CorrectedElecMtrPos Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeA Cnt u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9 CDDInterface9 Per1 SysCVSwitchADC Cnt u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.51749992	2.51749992 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.2888	1.2888 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.769999981	0.769999981 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.329986572	0.33000201 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.73399353	0.733994007 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	21134	21134	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	46865	46865	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	52900	52900	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3910	3910	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	54565	54565	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	44119	44119	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	58819	58819	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	139723	139723	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	152676	152676	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	60816	60816	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-3069	-3069	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	948786176	948786176	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.517486572	0.517501831 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2932581376	2932581376	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-42.1407013	-42.1407013 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	44.4315987	44.4315987 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-192.876007	-192.876007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	48.3610001	48.3610001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	7.7507	7.7507 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.96000004	3.96000004 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.85599995	1.85599995 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	32027	32027	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.729995728	0.729996026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	479	479	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	47841	47841 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.89 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.629999995	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.850000024	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	17694	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24247	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	12164	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	11499	
CDD_Die1RxError_Cnt_G_u16[0]	33035	
CDD_Die1RxError_Cnt_G_u16[1]	45465	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	23065	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	34700	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	25165	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	34265	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3920	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4025	
CDD_Die2RxError_Cnt_G_u16[0]	11864	
CDD_Die2RxError_Cnt_G_u16[1]	44235	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4748	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	40449	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	49984	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	59084	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2106813952	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3087582976	
CDD_MechMtrPos1_Rev_G_u0p16[0]	8860	
CDD_MechMtrPos1_Rev_G_u0p16[1]	33115	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1372798464	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3712472832	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	4.13520002	
CDD_MtrCurr1_Volts_G_f32[1]	0.505299985	
CDD_MtrCurr2_Volts_G_f32[0]	0.378300011	
CDD_MtrCurr2_Volts_G_f32[1]	3.1098001	
CDD_MtrCurrDax_Amp_G_f32[0]	-202.296997	
CDD_MtrCurrDax_Amp_G_f32[1]	199.876999	
CDD_MtrCurrK1_Amps_G_f32[0]	-176.960007	
CDD_MtrCurrK1_Amps_G_f32[1]	46.2154999	
CDD_MtrCurrK2_Amps_G_f32[0]	-112.797997	
CDD_MtrCurrK2_Amps_G_f32[1]	-29.1518993	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-138.274002	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-77.0376968	
CDD_MtrCurrQax_Amp_G_f32[0]	-152.404999	
CDD_MtrCurrQax_Amp_G_f32[1]	-74.1110992	
CDD_MtrVoltDax_Volt_G_f32[0]	2.85780001	
CDD_MtrVoltDax_Volt_G_f32[1]	0.894299984	
CDD_MtrVoltQax_Volt_G_f32[0]	0	
CDD_MtrVoltQax_Volt_G_f32[1]	0	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	146132	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	181639	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	22363	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	68034	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	97133	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	188184	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	41363	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	50463	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	4292	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	13392	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	37355	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	50462	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1223	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3088	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	37355	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	50462	

Name	Input Value
NxtrMEC_UIs_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_UIs_f32	target_CDDInterface9_Per1_ModIdxFinal_UIs_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.505299985	0.505299985 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.1098001	3.1098001 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.850000024	0.850000024 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.369979858	0.369994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	24247	24247 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.175460815	0.175460815 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	45465	45465	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	34700	34700	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	34265	34265	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4025	4025	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	44235	44235	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	40449	40449	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	59084	59084	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	181639	181639	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	68034	68034	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	188184	188184	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1413	-1413	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3087582976	3087582976	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.5052948	0.5052948 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3712472832	3712472832	✔
target_CDDInterface9_Per1_ModIdxFinal_UIs_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	199.876999	199.876999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	46.2154999	46.2154999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-29.1518993	-29.1518993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-77.0376968	-77.0376968 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-74.1110992	-74.1110992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.894299984	0.894299984 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0	0 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	13392	13392	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.769989014	0.770003974 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3088	3088	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	50462	50462 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.90 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.660000026	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.889999986	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	19660	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26869	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	35500	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	53700	
CDD_Die1RxError_Cnt_G_u16[0]	10464	
CDD_Die1RxError_Cnt_G_u16[1]	38900	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	40565	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	53600	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6964	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	40735	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	448	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	460	
CDD_Die2RxError_Cnt_G_u16[0]	18334	
CDD_Die2RxError_Cnt_G_u16[1]	26034	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	35284	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	63719	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	31784	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	48149	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1390172160	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1894807808	
CDD_MechMtrPos1_Rev_G_u0p16[0]	8788	
CDD_MechMtrPos1_Rev_G_u0p16[1]	54984	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2233313280	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4096854272	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536	
CDD_MtrCurr1_Volts_G_f32[0]	3.13409996	
CDD_MtrCurr1_Volts_G_f32[1]	3.83899999	
CDD_MtrCurr2_Volts_G_f32[0]	0.915300012	
CDD_MtrCurr2_Volts_G_f32[1]	4.31190014	
CDD_MtrCurrDax_Amp_G_f32[0]	-113.940002	
CDD_MtrCurrDax_Amp_G_f32[1]	-84.5348969	
CDD_MtrCurrK1_Amps_G_f32[0]	89.7524033	
CDD_MtrCurrK1_Amps_G_f32[1]	141.567993	
CDD_MtrCurrK2_Amps_G_f32[0]	-73.330101	
CDD_MtrCurrK2_Amps_G_f32[1]	176.324997	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-33.5008011	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	180.253998	
CDD_MtrCurrQax_Amp_G_f32[0]	-34.6435013	
CDD_MtrCurrQax_Amp_G_f32[1]	53.0714989	
CDD_MtrVoltDax_Volt_G_f32[0]	0.486600012	
CDD_MtrVoltDax_Volt_G_f32[1]	1.19159997	
CDD_MtrVoltQax_Volt_G_f32[0]	5	
CDD_MtrVoltQax_Volt_G_f32[1]	5	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	39318	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	199539	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	12491	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	188993	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	81370	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	168148	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	23163	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	39528	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2457	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	51628	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	655	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	900	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2677	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	41287	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	55705	

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.13409996	3.13409996 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.915300012	0.915300012 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.660000026	0.660000026 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.299987793	0.300002992 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	19660	19660 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.541687012	0.541701972 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	10464	10464	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	40565	40565	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	6964	6964	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	448	448	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	18334	18334	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	35284	35284	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	31784	31784	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	39318	39318	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	12491	12491	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	81370	81370	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2171	2171	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1390172160	1390172160	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.134094238	0.134094238 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2233313280	2233313280	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-113.940002	-113.940002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	89.7524033	89.7524033 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-73.330101	-73.330101 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-33.5008011	-33.5008011 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-34.6435013	-34.6435013 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.486600012	0.486600012 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	2457	2457	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	900	900	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	41287	41287 ± 0.000030517578125	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.91 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.00999999978
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	21626
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	29490
CDD_CumMechMtrPos_Rev_G_s15p16[0]	31830
CDD_CumMechMtrPos_Rev_G_s15p16[1]	9360
CDD_Die1RxError_Cnt_G_u16[0]	30235
CDD_Die1RxError_Cnt_G_u16[1]	53865
CDD_Die1RxMtrPos_Cnt_G_u16[0]	31465
CDD_Die1RxMtrPos_Cnt_G_u16[1]	31900
CDD_Die1RxRevCtr_Cnt_G_u16[0]	22365
CDD_Die1RxRevCtr_Cnt_G_u16[1]	42665
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	560
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	575
CDD_Die2RxError_Cnt_G_u16[0]	20265
CDD_Die2RxError_Cnt_G_u16[1]	41435
CDD_Die2RxMtrPos_Cnt_G_u16[0]	13148
CDD_Die2RxMtrPos_Cnt_G_u16[1]	37649
CDD_Die2RxRevCtr_Cnt_G_u16[0]	1948
CDD_Die2RxRevCtr_Cnt_G_u16[1]	47184
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2657325568
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2904079104
CDD_MechMtrPos1_Rev_G_u0p16[0]	59264
CDD_MechMtrPos1_Rev_G_u0p16[1]	16318
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1923310080
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3528968960
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	4.90430021
CDD_MtrCurr1_Volts_G_f32[1]	0.248999998
CDD_MtrCurr2_Volts_G_f32[0]	0.1219
CDD_MtrCurr2_Volts_G_f32[1]	3.87879992
CDD_MtrCurrDax_Amp_G_f32[0]	-145.770996
CDD_MtrCurrDax_Amp_G_f32[1]	181.035004
CDD_MtrCurrK1_Amps_G_f32[0]	-195.802002
CDD_MtrCurrK1_Amps_G_f32[1]	219.862
CDD_MtrCurrK2_Amps_G_f32[0]	-131.639999
CDD_MtrCurrK2_Amps_G_f32[1]	27.3736992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-157.115997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-20.5121002
CDD_MtrCurrQax_Amp_G_f32[0]	-95.8795013
CDD_MtrCurrQax_Amp_G_f32[1]	-92.9530029
CDD_MtrVoltDax_Volt_G_f32[0]	0.663299978
CDD_MtrVoltDax_Volt_G_f32[1]	2.60150003
CDD_MtrVoltQax_Volt_G_f32[0]	0.431300014
CDD_MtrVoltQax_Volt_G_f32[1]	1.17760003
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	171767
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	173094
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	47999
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	59489
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	13818
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	88588
CDD_PhaseAdvFinal_Cnt_G_u16[0]	38563
CDD_PhaseAdvFinal_Cnt_G_u16[1]	58863
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	1492
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	21792
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	1966
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	3276
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1048
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3613
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43253
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	58327

CDDInterface9_Per1

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.248999998	0.248999998 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.87879992	3.87879992 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.00999999978	0.00999999978 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.449981689	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	29490	29490 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.142822266	0.142822266 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	53865	53865	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	31900	31900	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	42665	42665	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	575	575	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	41435	41435	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	37649	37649	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	47184	47184	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	173094	173094	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	59489	59489	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	88588	88588	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-625	-625	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2904079104	2904079104	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.24899292	0.24899292 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3528968960	3528968960	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	181.035004	181.035004 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	219.862	219.862 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	27.3736992	27.3736992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-20.5121002	-20.5121002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-92.9530029	-92.9530029 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.60150003	2.60150003 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.17760003	1.17760003 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	21792	21792	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.049987793	0.0500031002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3613	3613	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	58327	58327 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.92 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0299999993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.0500000007
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	23592
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32112
CDD_CumMechMtrPos_Rev_G_s15p16[0]	29904
CDD_CumMechMtrPos_Rev_G_s15p16[1]	7503
CDD_Die1RxError_Cnt_G_u16[0]	13699
CDD_Die1RxError_Cnt_G_u16[1]	37935
CDD_Die1RxMtrPos_Cnt_G_u16[0]	15364
CDD_Die1RxMtrPos_Cnt_G_u16[1]	15534
CDD_Die1RxRevCtr_Cnt_G_u16[0]	47300
CDD_Die1RxRevCtr_Cnt_G_u16[1]	50800
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	672
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	690
CDD_Die2RxError_Cnt_G_u16[0]	28400
CDD_Die2RxError_Cnt_G_u16[1]	48965
CDD_Die2RxMtrPos_Cnt_G_u16[0]	38519
CDD_Die2RxMtrPos_Cnt_G_u16[1]	45349
CDD_Die2RxRevCtr_Cnt_G_u16[0]	6583
CDD_Die2RxRevCtr_Cnt_G_u16[1]	10083
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	243272960
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2049809408
CDD_MechMtrPos1_Rev_G_u0p16[0]	34858
CDD_MechMtrPos1_Rev_G_u0p16[1]	3643
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2445319424
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4033604608
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	1.53190005
CDD_MtrCurr1_Volts_G_f32[1]	4.05560017
CDD_MtrCurr2_Volts_G_f32[0]	0.826900005
CDD_MtrCurr2_Volts_G_f32[1]	4.60809994
CDD_MtrCurrDax_Amp_G_f32[0]	69.7678986
CDD_MtrCurrDax_Amp_G_f32[1]	70.9104996
CDD_MtrCurrK1_Amps_G_f32[0]	-28.0093002
CDD_MtrCurrK1_Amps_G_f32[1]	157.483002
CDD_MtrCurrK2_Amps_G_f32[0]	-79.8244019
CDD_MtrCurrK2_Amps_G_f32[1]	198.093002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	10.6773005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	34.229599
CDD_MtrCurrQax_Amp_G_f32[0]	-204.220001
CDD_MtrCurrQax_Amp_G_f32[1]	-203.078003
CDD_MtrVoltDax_Volt_G_f32[0]	1.40810001
CDD_MtrVoltDax_Volt_G_f32[1]	3.29089999
CDD_MtrVoltQax_Volt_G_f32[0]	1.34329998
CDD_MtrVoltQax_Volt_G_f32[1]	2.96860003
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	70035
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	122633
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	72825
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	135586
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	38126
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	112087
CDD_PhaseAdvFinal_Cnt_G_u16[0]	1462
CDD_PhaseAdvFinal_Cnt_G_u16[1]	63498
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	3932
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	5898
CDD_SysCVSwitchADC_Cnt_G_u16[0]	15
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1529
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	655

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.05560017	4.05560017 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.60809994	4.60809994 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0500000007	0.0500000007 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.489990234	0.490004987 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	32112	32112 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.114486694	0.114486694 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	37935	37935	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	15534	15534	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	50800	50800	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	690	690	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	48965	48965	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	45349	45349	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	10083	10083	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	122633	122633	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	135586	135586	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	112087	112087	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-191	-191	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2049809408	2049809408	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.0555877686	0.0556030273 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	4033604608	4033604608	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	70.9104996	70.9104996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	157.483002	157.483002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	198.093002	198.093002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	34.229599	34.229599 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-203.078003	-203.078003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.29089999	3.29089999 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.96860003	2.96860003 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.0899963379	0.0899963006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	1529	1529	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	655	655 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.93 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0599999987	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.0900000036	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	25558	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34733	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	50030	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	7564	
CDD_Die1RxError_Cnt_G_u16[0]	17465	
CDD_Die1RxError_Cnt_G_u16[1]	30765	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	49835	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	60600	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6264	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	40300	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	784	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	805	
CDD_Die2RxError_Cnt_G_u16[0]	41965	
CDD_Die2RxError_Cnt_G_u16[1]	49400	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	42284	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	55584	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	31084	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	65119	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	271775232	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4079480576	
CDD_MechMtrPos1_Rev_G_u0p16[0]	58392	
CDD_MechMtrPos1_Rev_G_u0p16[1]	37466	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	409403136	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3832727040	
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	0.890999973	
CDD_MtrCurr1_Volts_G_f32[1]	1.57169998	
CDD_MtrCurr2_Volts_G_f32[0]	0.546299994	
CDD_MtrCurr2_Volts_G_f32[1]	1.76390004	
CDD_MtrCurrDax_Amp_G_f32[0]	-139.276993	
CDD_MtrCurrDax_Amp_G_f32[1]	-66.835701	
CDD_MtrCurrK1_Amps_G_f32[0]	-142.203003	
CDD_MtrCurrK1_Amps_G_f32[1]	-75.1139984	
CDD_MtrCurrK2_Amps_G_f32[0]	-217.570999	
CDD_MtrCurrK2_Amps_G_f32[1]	-128.072006	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-36.4273987	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	175.544006	
CDD_MtrCurrQax_Amp_G_f32[0]	27.7353001	
CDD_MtrCurrQax_Amp_G_f32[1]	100.176003	
CDD_MtrVoltDax_Volt_G_f32[0]	2.6500001	
CDD_MtrVoltDax_Volt_G_f32[1]	3.33069992	
CDD_MtrVoltQax_Volt_G_f32[0]	0.905700028	
CDD_MtrVoltQax_Volt_G_f32[1]	5	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	60681	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	174712	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	114223	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	136913	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	102733	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	143322	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	22463	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	56498	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	65535	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	65535	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	5898	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8519	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1338	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2169	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	1966	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	3276	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.57169998	1.57169998 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.76390004	1.76390004 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0900000036	0.0900000036 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.529983521	0.529999018 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	34733	34733 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.11541748	0.11541748 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	30765	30765	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	60600	60600	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	40300	40300	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	805	805	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	49400	49400	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	55584	55584	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	65119	65119	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	174712	174712	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	136913	136913	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	143322	143322	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-847	-847	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4079480576	4079480576	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.571685791	0.57170105 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	3832727040	3832727040	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-66.835701	-66.835701 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-75.1139984	-75.1139984 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-128.072006	-128.072006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	175.544006	175.544006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	100.176003	100.176003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	3.33069992	3.33069992 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	5	5 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.129989624	0.130005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2169	2169	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	3276	3276 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.94 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.0900000036
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.129999995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	27524
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	37355
CDD_CumMechMtrPos_Rev_G_s15p16[0]	43030
CDD_CumMechMtrPos_Rev_G_s15p16[1]	13232
CDD_Die1RxError_Cnt_G_u16[0]	3199
CDD_Die1RxError_Cnt_G_u16[1]	57365
CDD_Die1RxMtrPos_Cnt_G_u16[0]	10899
CDD_Die1RxMtrPos_Cnt_G_u16[1]	46335
CDD_Die1RxRevCtr_Cnt_G_u16[0]	16065
CDD_Die1RxRevCtr_Cnt_G_u16[1]	42835
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	896
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	920
CDD_Die2RxError_Cnt_G_u16[0]	44500
CDD_Die2RxError_Cnt_G_u16[1]	59200
CDD_Die2RxMtrPos_Cnt_G_u16[0]	16648
CDD_Die2RxMtrPos_Cnt_G_u16[1]	28018
CDD_Die2RxRevCtr_Cnt_G_u16[0]	40884
CDD_Die2RxRevCtr_Cnt_G_u16[1]	50249
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	914038784
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4245610752
CDD_MechMtrPos1_Rev_G_u0p16[0]	8067
CDD_MechMtrPos1_Rev_G_u0p16[1]	30729
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1757179904
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2152689920
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	1.12310004
CDD_MtrCurr1_Volts_G_f32[1]	2.46889997
CDD_MtrCurr2_Volts_G_f32[0]	3.64680004
CDD_MtrCurr2_Volts_G_f32[1]	4.19929981
CDD_MtrCurrDax_Amp_G_f32[0]	-162.828995
CDD_MtrCurrDax_Amp_G_f32[1]	39.721199
CDD_MtrCurrK1_Amps_G_f32[0]	-175.175995
CDD_MtrCurrK1_Amps_G_f32[1]	-76.2565994
CDD_MtrCurrK2_Amps_G_f32[0]	50.9259987
CDD_MtrCurrK2_Amps_G_f32[1]	127.435997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-199.509995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-19.3694
CDD_MtrCurrQax_Amp_G_f32[0]	4.18289995
CDD_MtrCurrQax_Amp_G_f32[1]	206.733002
CDD_MtrVoltDax_Volt_G_f32[0]	2.88210011
CDD_MtrVoltDax_Volt_G_f32[1]	4.22800016
CDD_MtrVoltQax_Volt_G_f32[0]	3.34100008
CDD_MtrVoltQax_Volt_G_f32[1]	4.38199997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	109006
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	164031
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	121959
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	166821
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	6082
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	24500
CDD_PhaseAdvFinal_Cnt_G_u16[0]	32263
CDD_PhaseAdvFinal_Cnt_G_u16[1]	41628
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	28212
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	55261
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	7864
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	11141
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3454
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3832
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	3932
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	5898

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.12310004	1.12310004 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.64680004	3.64680004 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.0900000036	0.0900000036 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.41998291	0.41999799 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	27524	27524 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.656585693	0.656601012 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	3199	3199	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	10899	10899	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	16065	16065	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	896	896	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	44500	44500	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	16648	16648	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	40884	40884	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	109006	109006	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	121959	121959	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	6082	6082	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	3024	3024	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	914038784	914038784	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.123092651	0.123092651 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1757179904	1757179904	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-162.828995	-162.828995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-175.175995	-175.175995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	50.9259987	50.9259987 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-199.509995	-199.509995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	4.18289995	4.18289995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.88210011	2.88210011 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.34100008	3.34100008 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	28212	28212	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.119995117	0.119994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3454	3454	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	3932	3932 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.95 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.119999997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.170000002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	29490
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	39976
CDD_CumMechMtrPos_Rev_G_s15p16[0]	40232
CDD_CumMechMtrPos_Rev_G_s15p16[1]	9563
CDD_Die1RxError_Cnt_G_u16[0]	1799
CDD_Die1RxError_Cnt_G_u16[1]	3899
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5564
CDD_Die1RxMtrPos_Cnt_G_u16[1]	44935
CDD_Die1RxRevCtr_Cnt_G_u16[0]	56135
CDD_Die1RxRevCtr_Cnt_G_u16[1]	61565
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1008
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1035
CDD_Die2RxError_Cnt_G_u16[0]	15099
CDD_Die2RxError_Cnt_G_u16[1]	33735
CDD_Die2RxMtrPos_Cnt_G_u16[0]	26618
CDD_Die2RxMtrPos_Cnt_G_u16[1]	28718
CDD_Die2RxRevCtr_Cnt_G_u16[0]	20849
CDD_Die2RxRevCtr_Cnt_G_u16[1]	63549
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1178166016
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2399443456
CDD_MechMtrPos1_Rev_G_u0p16[0]	54912
CDD_MechMtrPos1_Rev_G_u0p16[1]	35651
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1665427968
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1803055872
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	2.83789992
CDD_MtrCurr1_Volts_G_f32[1]	4.54400015
CDD_MtrCurr2_Volts_G_f32[0]	3.51859999
CDD_MtrCurr2_Volts_G_f32[1]	3.71090007
CDD_MtrCurrDax_Amp_G_f32[0]	-172.25
CDD_MtrCurrDax_Amp_G_f32[1]	3.82130003
CDD_MtrCurrK1_Amps_G_f32[0]	67.9840012
CDD_MtrCurrK1_Amps_G_f32[1]	193.382996
CDD_MtrCurrK2_Amps_G_f32[0]	118.014999
CDD_MtrCurrK2_Amps_G_f32[1]	132.147003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	70.1295013
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	106.670998
CDD_MtrCurrQax_Amp_G_f32[0]	-5.23799992
CDD_MtrCurrQax_Amp_G_f32[1]	170.832993
CDD_MtrVoltDax_Volt_G_f32[0]	0.190400004
CDD_MtrVoltDax_Volt_G_f32[1]	1.89649999
CDD_MtrVoltQax_Volt_G_f32[0]	4.25379992
CDD_MtrVoltQax_Volt_G_f32[1]	4.44610023
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	92725
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	159758
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	32236
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	35990
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	1810
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8219
CDD_PhaseAdvFinal_Cnt_G_u16[0]	12228
CDD_PhaseAdvFinal_Cnt_G_u16[1]	54928
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	17857
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	40693
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3367
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3498
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	5898
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8519

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9_Per1 CorrectedElecMtrPos Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeA Cnt u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 SysCVSwitchADC Cnt u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.83789992	2.83789992 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.51859999	3.51859999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.119999997	0.119999997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.449981689	0.449997008 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	29490	29490 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.613891602	0.61390698 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	1799	1799	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	5564	5564	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	56135	56135	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1008	1008	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	15099	15099	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	26618	26618	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	20849	20849	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	92725	92725	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	32236	32236	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	1810	1810	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1146	1146	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1178166016	1178166016	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.837890625	0.837905884 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1665427968	1665427968	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-172.25	-172.25 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	67.9840012	67.9840012 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	118.014999	118.014999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	70.1295013	70.1295013 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-5.23799992	-5.23799992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.190400004	0.190400004 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	4.25379992	4.25379992 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	17857	17857	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3367	3367	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	5898	5898 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.96 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.150000006
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.209999993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	31457
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	42591
CDD_CumMechMtrPos_Rev_G_s15p16[0]	15033
CDD_CumMechMtrPos_Rev_G_s15p16[1]	10964
CDD_Die1RxError_Cnt_G_u16[0]	8099
CDD_Die1RxError_Cnt_G_u16[1]	54735
CDD_Die1RxMtrPos_Cnt_G_u16[0]	9764
CDD_Die1RxMtrPos_Cnt_G_u16[1]	32335
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2064
CDD_Die1RxRevCtr_Cnt_G_u16[1]	41700
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1120
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1150
CDD_Die2RxError_Cnt_G_u16[0]	43365
CDD_Die2RxError_Cnt_G_u16[1]	45200
CDD_Die2RxMtrPos_Cnt_G_u16[0]	32919
CDD_Die2RxMtrPos_Cnt_G_u16[1]	62149
CDD_Die2RxRevCtr_Cnt_G_u16[0]	983
CDD_Die2RxRevCtr_Cnt_G_u16[1]	26884
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4171232512
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4291486720
CDD_MechMtrPos1_Rev_G_u0p16[0]	1258
CDD_MechMtrPos1_Rev_G_u0p16[1]	12268
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	839660544
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2078311680
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	1.01919997
CDD_MtrCurr1_Volts_G_f32[1]	1.18719995
CDD_MtrCurr2_Volts_G_f32[0]	2.36500001
CDD_MtrCurr2_Volts_G_f32[1]	4.09539986
CDD_MtrCurrDax_Amp_G_f32[0]	32.0840988
CDD_MtrCurrDax_Amp_G_f32[1]	183.962006
CDD_MtrCurrK1_Amps_G_f32[0]	-170.466003
CDD_MtrCurrK1_Amps_G_f32[1]	-65.6930008
CDD_MtrCurrK2_Amps_G_f32[0]	33.226799
CDD_MtrCurrK2_Amps_G_f32[1]	160.408997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-27.0063992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	147.281006
CDD_MtrCurrQax_Amp_G_f32[0]	-90.0263977
CDD_MtrCurrQax_Amp_G_f32[1]	199.095993
CDD_MtrVoltDax_Volt_G_f32[0]	2.77819991
CDD_MtrVoltDax_Volt_G_f32[1]	2.94619989
CDD_MtrVoltQax_Volt_G_f32[0]	1.50670004
CDD_MtrVoltQax_Volt_G_f32[1]	4.83059978
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	105542
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	121305
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	118496
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	124096
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	21036
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	163358
CDD_PhaseAdvFinal_Cnt_G_u16[0]	18263
CDD_PhaseAdvFinal_Cnt_G_u16[1]	57898
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	20827
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	46728
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	65534
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	65534
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2579
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3761
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	7864
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	11141

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.01919997	1.01919997 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.36500001	2.36500001 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.150000006	0.150000006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.479995728	0.479995996 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	31457	31457 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.229385376	0.229401007 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	8099	8099	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	9764	9764	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	2064	2064	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1120	1120	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	43365	43365	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	32919	32919	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	983	983	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	105542	105542	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	118496	118496	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	21036	21036	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1712	1712	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	4171232512	4171232512	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.0191955566	0.0191955566 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	839660544	839660544	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	32.0840988	32.0840988 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-170.466003	-170.466003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	33.226799	33.226799 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-27.0063992	-27.0063992 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-90.0263977	-90.0263977 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	2.77819991	2.77819991 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.50670004	1.50670004 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	20827	20827	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.999969482	0.99998498 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2579	2579	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	7864	7864 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.97 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.180000007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32792
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	45219
CDD_CumMechMtrPos_Rev_G_s15p16[0]	15564
CDD_CumMechMtrPos_Rev_G_s15p16[1]	8000
CDD_Die1RxError_Cnt_G_u16[0]	45900
CDD_Die1RxError_Cnt_G_u16[1]	55000
CDD_Die1RxMtrPos_Cnt_G_u16[0]	32600
CDD_Die1RxMtrPos_Cnt_G_u16[1]	47565
CDD_Die1RxRevCtr_Cnt_G_u16[0]	43800
CDD_Die1RxRevCtr_Cnt_G_u16[1]	55435
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1232
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1265
CDD_Die2RxError_Cnt_G_u16[0]	21399
CDD_Die2RxError_Cnt_G_u16[1]	57100
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5183
CDD_Die2RxMtrPos_Cnt_G_u16[1]	14283
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	62849
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	776410880
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1591049728
CDD_MechMtrPos1_Rev_G_u0p16[0]	8788
CDD_MechMtrPos1_Rev_G_u0p16[1]	54984
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	260646656
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	857034240
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	2.27670002
CDD_MtrCurr1_Volts_G_f32[1]	3.41470003
CDD_MtrCurr2_Volts_G_f32[0]	1.55610001
CDD_MtrCurr2_Volts_G_f32[1]	2.38930011
CDD_MtrCurrDax_Amp_G_f32[0]	-37.4301987
CDD_MtrCurrDax_Amp_G_f32[1]	185.746002
CDD_MtrCurrK1_Amps_G_f32[0]	-90.3880005
CDD_MtrCurrK1_Amps_G_f32[1]	110.377998
CDD_MtrCurrK2_Amps_G_f32[0]	-26.2254009
CDD_MtrCurrK2_Amps_G_f32[1]	35.0107002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-12.875
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	65.4189987
CDD_MtrCurrQax_Amp_G_f32[0]	-88.2425003
CDD_MtrCurrQax_Amp_G_f32[1]	12.4611998
CDD_MtrVoltDax_Volt_G_f32[0]	0.767199993
CDD_MtrVoltDax_Volt_G_f32[1]	4.03569984
CDD_MtrVoltQax_Volt_G_f32[0]	2.29139996
CDD_MtrVoltQax_Volt_G_f32[1]	3.12450004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	20900
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	175231
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	51462
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	160412
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	17282
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	189511
CDD_PhaseAdvFinal_Cnt_G_u16[0]	54228
CDD_PhaseAdvFinal_Cnt_G_u16[1]	59998
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	17157
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	22927
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15728
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	21626
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3115
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3684
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	9830
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	13762

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.27670002	2.27670002 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.55610001	1.55610001 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.180000007	0.180000007 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.500366211	0.500380993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	32792	32792 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.237487793	0.237503007 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	45900	45900	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	32600	32600	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	43800	43800	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1232	1232	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	21399	21399	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	5183	5183	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	3083	3083	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	20900	20900	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	51462	51462	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	17282	17282	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-1060	-1060	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	776410880	776410880	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.134094238	0.134094238 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	260646656	260646656	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-37.4301987	-37.4301987 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-90.3880005	-90.3880005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-26.2254009	-26.2254009 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-12.875	-12.875 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-88.2425003	-88.2425003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.767199993	0.767199993 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.29139996	2.29139996 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	17157	17157	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.239990234	0.240005001 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3115	3115	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	9830	9830 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.98 (Repeat Count = 1)		✔
Name	**Input Value**	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.209999993	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.289999992	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65175	
CDD_CumMechMtrPos_Rev_G_s15p16[0]	28501	
CDD_CumMechMtrPos_Rev_G_s15p16[1]	43902	
CDD_Die1RxError_Cnt_G_u16[0]	27700	
CDD_Die1RxError_Cnt_G_u16[1]	44065	
CDD_Die1RxMtrPos_Cnt_G_u16[0]	21665	
CDD_Die1RxMtrPos_Cnt_G_u16[1]	29365	
CDD_Die1RxRevCtr_Cnt_G_u16[0]	8799	
CDD_Die1RxRevCtr_Cnt_G_u16[1]	61300	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1344	
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1380	
CDD_Die2RxError_Cnt_G_u16[0]	14834	
CDD_Die2RxError_Cnt_G_u16[1]	51935	
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3348	
CDD_Die2RxMtrPos_Cnt_G_u16[1]	52519	
CDD_Die2RxRevCtr_Cnt_G_u16[0]	20583	
CDD_Die2RxRevCtr_Cnt_G_u16[1]	33619	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1160792320	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3592218624	
CDD_MechMtrPos1_Rev_G_u0p16[0]	59264	
CDD_MechMtrPos1_Rev_G_u0p16[1]	16318	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1281046528	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3362838784	
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	0.210299999	
CDD_MtrCurr1_Volts_G_f32[1]	2.81360006	
CDD_MtrCurr2_Volts_G_f32[0]	2.98160005	
CDD_MtrCurr2_Volts_G_f32[1]	0.889800012	
CDD_MtrCurrDax_Amp_G_f32[0]	-211.716995	
CDD_MtrCurrDax_Amp_G_f32[1]	-159.901993	
CDD_MtrCurrK1_Amps_G_f32[0]	-125.144997	
CDD_MtrCurrK1_Amps_G_f32[1]	66.2001038	
CDD_MtrCurrK2_Amps_G_f32[0]	-148.697006	
CDD_MtrCurrK2_Amps_G_f32[1]	-38.5728989	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	104.887001	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	192.602005	
CDD_MtrCurrQax_Amp_G_f32[0]	-161.826004	
CDD_MtrCurrQax_Amp_G_f32[1]	-110.011002	
CDD_MtrVoltDax_Volt_G_f32[0]	0.166099995	
CDD_MtrVoltDax_Volt_G_f32[1]	3.56279993	
CDD_MtrVoltQax_Volt_G_f32[0]	0.625100017	
CDD_MtrVoltQax_Volt_G_f32[1]	2.12339997	
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	141859	
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	165358	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	91533	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	178312	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	80852	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	183911	
CDD_PhaseAdvFinal_Cnt_G_u16[0]	7593	
CDD_PhaseAdvFinal_Cnt_G_u16[1]	11963	
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	40427	
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	53463	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	41287	
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	55705	
CDD_SysCVSwitchADC_Cnt_G_u16[0]	890	
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3000	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0	

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.210299999	0.210299999 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.98160005	2.98160005 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.209999993	0.209999993 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.434890747	0.434906006 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	27700	27700	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	21665	21665	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	8799	8799	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1344	1344	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	14834	14834	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	3348	3348	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	20583	20583	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	141859	141859	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	91533	91533	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	80852	80852	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	711	711	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1160792320	1160792320	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.904296875	0.904296875 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1281046528	1281046528	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-211.716995	-211.716995 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-125.144997	-125.144997 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-148.697006	-148.697006 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	104.887001	104.887001 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-161.826004	-161.826004 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.166099995	0.166099995 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.625100017	0.625100017 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	40427	40427	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.629989624	0.630005002 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	890	890	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	0	0 ± 0.000030517578125	✓

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.99 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.239999995
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.330000013
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	1965
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	3276
CDD_CumMechMtrPos_Rev_G_s15p16[0]	32361
CDD_CumMechMtrPos_Rev_G_s15p16[1]	7704
CDD_Die1RxError_Cnt_G_u16[0]	43100
CDD_Die1RxError_Cnt_G_u16[1]	63400
CDD_Die1RxMtrPos_Cnt_G_u16[0]	41000
CDD_Die1RxMtrPos_Cnt_G_u16[1]	44765
CDD_Die1RxRevCtr_Cnt_G_u16[0]	52200
CDD_Die1RxRevCtr_Cnt_G_u16[1]	52635
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1456
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1495
CDD_Die2RxError_Cnt_G_u16[0]	29800
CDD_Die2RxError_Cnt_G_u16[1]	54300
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2383
CDD_Die2RxMtrPos_Cnt_G_u16[1]	22683
CDD_Die2RxRevCtr_Cnt_G_u16[0]	11483
CDD_Die2RxRevCtr_Cnt_G_u16[1]	60049
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	592907008
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2141561344
CDD_MechMtrPos1_Rev_G_u0p16[0]	34858
CDD_MechMtrPos1_Rev_G_u0p16[1]	3643
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	77142784
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1407545856
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	2.02029991
CDD_MtrCurr1_Volts_G_f32[1]	4.18370008
CDD_MtrCurr2_Volts_G_f32[0]	1.29980004
CDD_MtrCurr2_Volts_G_f32[1]	3.15829992
CDD_MtrCurrDax_Amp_G_f32[0]	-198.729004
CDD_MtrCurrDax_Amp_G_f32[1]	-56.2720985
CDD_MtrCurrK1_Amps_G_f32[0]	-109.230003
CDD_MtrCurrK1_Amps_G_f32[1]	166.904007
CDD_MtrCurrK2_Amps_G_f32[0]	-45.0671997
CDD_MtrCurrK2_Amps_G_f32[1]	91.5363007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	43.6506004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	46.5770988
CDD_MtrCurrQax_Amp_G_f32[0]	-31.7168999
CDD_MtrCurrQax_Amp_G_f32[1]	-6.38070011
CDD_MtrVoltDax_Volt_G_f32[0]	1.53629994
CDD_MtrVoltDax_Volt_G_f32[1]	3.77929997
CDD_MtrVoltQax_Volt_G_f32[0]	2.03500009
CDD_MtrVoltQax_Volt_G_f32[1]	3.89350009
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	865
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	12355
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	77098
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	151867
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	42917
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	180966
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2863
CDD_PhaseAdvFinal_Cnt_G_u16[1]	51428
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	14357
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	31327
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	9830
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	13762
CDD_SysCVSwitchADC_Cnt_G_u16[0]	113
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2940
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	65534
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	65534

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.02029991	2.02029991 ± 0.000244140625	✓
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	1.29980004	1.29980004 ± 0.000244140625	✓
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.239999995	0.239999995 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.0299835205	0.0299987998 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	1965	1965 ± 0.000030517578125	✓
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.493789673	0.493804991 ± 0.03125	✓
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	43100	43100	✓
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	41000	41000	✓
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	52200	52200	✓
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1456	1456	✓
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	29800	29800	✓
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	2383	2383	✓
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	11483	11483	✓
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	865	865	✓
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	77098	77098	✓
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	42917	42917	✓
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	268	268	✓
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✓
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	592907008	592907008	✓
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.531890869	0.531906128 ± 0.0000152587890625	✓
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	77142784	77142784	✓
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✓
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-198.729004	-198.729004 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-109.230003	-109.230003 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-45.0671997	-45.0671997 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	43.6506004	43.6506004 ± 0.015625	✓
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-31.7168999	-31.7168999 ± 0.015625	✓
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.53629994	1.53629994 ± 0.000244140625	✓
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	2.03500009	2.03500009 ± 0.000244140625	✓
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	14357	14357	✓
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.149993896	0.149994001 ± 0.000030517578125	✓
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	113	113	✓
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	65534	65534 ± 0.000030517578125	✓

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.100 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.270000011
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.370000005
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	3931
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	5897
CDD_CumMechMtrPos_Rev_G_s15p16[0]	48634
CDD_CumMechMtrPos_Rev_G_s15p16[1]	8764
CDD_Die1RxError_Cnt_G_u16[0]	2499
CDD_Die1RxError_Cnt_G_u16[1]	5999
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4164
CDD_Die1RxMtrPos_Cnt_G_u16[1]	49135
CDD_Die1RxRevCtr_Cnt_G_u16[0]	18865
CDD_Die1RxRevCtr_Cnt_G_u16[1]	36100
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1568
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1610
CDD_Die2RxError_Cnt_G_u16[0]	37765
CDD_Die2RxError_Cnt_G_u16[1]	62000
CDD_Die2RxMtrPos_Cnt_G_u16[0]	27318
CDD_Die2RxMtrPos_Cnt_G_u16[1]	30818
CDD_Die2RxRevCtr_Cnt_G_u16[0]	43684
CDD_Die2RxRevCtr_Cnt_G_u16[1]	60919
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1097542656
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3804224768
CDD_MechMtrPos1_Rev_G_u0p16[0]	58392
CDD_MechMtrPos1_Rev_G_u0p16[1]	37466
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1711303936
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	1940683776
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.506500006
CDD_MtrCurr1_Volts_G_f32[1]	2.72530007
CDD_MtrCurr2_Volts_G_f32[0]	3.58270001
CDD_MtrCurr2_Volts_G_f32[1]	3.90310001
CDD_MtrCurrDax_Amp_G_f32[0]	-143.987
CDD_MtrCurrDax_Amp_G_f32[1]	-5.59959984
CDD_MtrCurrK1_Amps_G_f32[0]	-103.376999
CDD_MtrCurrK1_Amps_G_f32[1]	-57.4146996
CDD_MtrCurrK2_Amps_G_f32[0]	122.725998
CDD_MtrCurrK2_Amps_G_f32[1]	146.278
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-180.667999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-64.6902008
CDD_MtrCurrQax_Amp_G_f32[0]	23.0247993
CDD_MtrCurrQax_Amp_G_f32[1]	161.412003
CDD_MtrVoltDax_Volt_G_f32[0]	2.26550007
CDD_MtrVoltDax_Volt_G_f32[1]	4.48430014
CDD_MtrVoltQax_Volt_G_f32[0]	4.31790018
CDD_MtrVoltQax_Volt_G_f32[1]	4.63829994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	88452
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	172576
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	101406
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	175366
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3946
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	14627
CDD_PhaseAdvFinal_Cnt_G_u16[0]	34893
CDD_PhaseAdvFinal_Cnt_G_u16[1]	35063
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	15227
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	63528
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	11796
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16384
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3411
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3629
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15728
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	21626

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	2.72530007	2.72530007 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.90310001	3.90310001 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.370000005	0.370000005 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.0899810791	0.0899963006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	5897	5897 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.133728027	0.133728027 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	5999	5999	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	49135	49135	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	36100	36100	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1610	1610	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	62000	62000	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	30818	30818	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	60919	60919	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	172576	172576	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	175366	175366	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	14627	14627	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	-2856	-2856	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3804224768	3804224768	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.571685791	0.57170105 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1940683776	1940683776	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-5.59959984	-5.59959984 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-57.4146996	-57.4146996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	146.278	146.278 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-64.6902008	-64.6902008 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	161.412003	161.412003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.48430014	4.48430014 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	4.63829994	4.63829994 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	63528	63528	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.25	0.25 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3629	3629	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.101 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.300000012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.409999996
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	5897
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8519
CDD_CumMechMtrPos_Rev_G_s15p16[0]	5759
CDD_CumMechMtrPos_Rev_G_s15p16[1]	9629
CDD_Die1RxError_Cnt_G_u16[0]	27000
CDD_Die1RxError_Cnt_G_u16[1]	61035
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4599
CDD_Die1RxMtrPos_Cnt_G_u16[1]	62700
CDD_Die1RxRevCtr_Cnt_G_u16[0]	15799
CDD_Die1RxRevCtr_Cnt_G_u16[1]	53165
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1680
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1725
CDD_Die2RxError_Cnt_G_u16[0]	6699
CDD_Die2RxError_Cnt_G_u16[1]	58935
CDD_Die2RxMtrPos_Cnt_G_u16[0]	20318
CDD_Die2RxMtrPos_Cnt_G_u16[1]	51819
CDD_Die2RxRevCtr_Cnt_G_u16[0]	12448
CDD_Die2RxRevCtr_Cnt_G_u16[1]	40619
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	627654400
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4050978304
CDD_MechMtrPos1_Rev_G_u0p16[0]	8067
CDD_MechMtrPos1_Rev_G_u0p16[1]	30729
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1252544256
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3316962816
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536
CDD_MtrCurr1_Volts_G_f32[0]	0.851199985
CDD_MtrCurr1_Volts_G_f32[1]	2.06879997
CDD_MtrCurr2_Volts_G_f32[0]	2.94180012
CDD_MtrCurr2_Volts_G_f32[1]	5
CDD_MtrCurrDax_Amp_G_f32[0]	-52.7042999
CDD_MtrCurrDax_Amp_G_f32[1]	-2.6730001
CDD_MtrCurrK1_Amps_G_f32[0]	-78.0404968
CDD_MtrCurrK1_Amps_G_f32[1]	11.4583998
CDD_MtrCurrK2_Amps_G_f32[0]	-153.408005
CDD_MtrCurrK2_Amps_G_f32[1]	75.6210022
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-201.294006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	50.1449013
CDD_MtrCurrQax_Amp_G_f32[0]	114.307999
CDD_MtrCurrQax_Amp_G_f32[1]	164.339005
CDD_MtrVoltDax_Volt_G_f32[0]	4.20370007
CDD_MtrVoltDax_Volt_G_f32[1]	0.421400011
CDD_MtrVoltQax_Volt_G_f32[0]	0.56099999
CDD_MtrVoltQax_Volt_G_f32[1]	3.67700005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	67089
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	89779
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	6600
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	166012
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	78716
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	182584
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3828
CDD_PhaseAdvFinal_Cnt_G_u16[1]	14593
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	32292
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	60463
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	13762
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	19005
CDD_SysCVSwitchADC_Cnt_G_u16[0]	0
CDD_SysCVSwitchADC_Cnt_G_u16[1]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	17694
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24248

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9_Per1 CorrectedElecMtrPos Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 ExpectedOnTimeA Cnt ι	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_ι	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_ι	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target Rte Inst Sa CDDInterface9.CDDInterface9 Per1 SysCVSwitchADC Cnt ι	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	0.851199985	0.851199985 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	2.94180012	2.94180012 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.300000012	0.300000012 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.0899810791	0.0899963006 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	5897	5897 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.0878753662	0.0878753662 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	27000	27000	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	4599	4599	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	15799	15799	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1680	1680	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	6699	6699	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	20318	20318	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	12448	12448	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	67089	67089	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	6600	6600	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	78716	78716	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	358	358	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	627654400	627654400	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.123092651	0.123092651 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1252544256	1252544256	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-52.7042999	-52.7042999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-78.0404968	-78.0404968 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-153.408005	-153.408005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-201.294006	-201.294006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	114.307999	114.307999 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	4.20370007	4.20370007 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.56099999	0.56099999 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	32292	32292	✔
target_CDDInterface_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.209991455	0.210006997 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	17694	17694 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.102 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.330000013
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.449999988
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	7863
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	11140
CDD_CumMechMtrPos_Rev_G_s15p16[0]	8832
CDD_CumMechMtrPos_Rev_G_s15p16[1]	11231
CDD_Die1RxError_Cnt_G_u16[0]	36800
CDD_Die1RxError_Cnt_G_u16[1]	46165
CDD_Die1RxMtrPos_Cnt_G_u16[0]	14399
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65235
CDD_Die1RxRevCtr_Cnt_G_u16[0]	31635
CDD_Die1RxRevCtr_Cnt_G_u16[1]	49665
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	0
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	0
CDD_Die2RxError_Cnt_G_u16[0]	27265
CDD_Die2RxError_Cnt_G_u16[1]	33300
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5448
CDD_Die2RxMtrPos_Cnt_G_u16[1]	61619
CDD_Die2RxRevCtr_Cnt_G_u16[0]	8948
CDD_Die2RxRevCtr_Cnt_G_u16[1]	39049
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2370941184
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3116085248
CDD_MechMtrPos1_Rev_G_u0p16[0]	54912
CDD_MechMtrPos1_Rev_G_u0p16[1]	35651
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1418674432
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3959226368
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	4.50419998
CDD_MtrCurr1_Volts_G_f32[1]	1.54509997
CDD_MtrCurr2_Volts_G_f32[0]	0.72299999
CDD_MtrCurr2_Volts_G_f32[1]	3.17389989
CDD_MtrCurrDax_Amp_G_f32[0]	-35.6463013
CDD_MtrCurrDax_Amp_G_f32[1]	63.2734985
CDD_MtrCurrK1_Amps_G_f32[0]	-174.033997
CDD_MtrCurrK1_Amps_G_f32[1]	190.455994
CDD_MtrCurrK2_Amps_G_f32[0]	-87.4615021
CDD_MtrCurrK2_Amps_G_f32[1]	-24.4414997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-94.7369003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	26.5925999
CDD_MtrCurrQax_Amp_G_f32[0]	-210.714996
CDD_MtrCurrQax_Amp_G_f32[1]	131.365005
CDD_MtrVoltDax_Volt_G_f32[0]	1.30420005
CDD_MtrVoltDax_Volt_G_f32[1]	1.85669994
CDD_MtrVoltQax_Volt_G_f32[0]	1.45819998
CDD_MtrVoltQax_Volt_G_f32[1]	2.31559992
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	74826
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	119687
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	69362
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	87779
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	108624
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	190320
CDD_PhaseAdvFinal_Cnt_G_u16[0]	328
CDD_PhaseAdvFinal_Cnt_G_u16[1]	30428
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	28792
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	58893
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15728
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	21626
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4095
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4095
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	19660
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26869

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.50419998	4.50419998 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.72299999	0.72299999 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.330000013	0.330000013 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.119979858	0.119994998 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	7863	7863 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.134765625	0.134765625 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	36800	36800	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	14399	14399	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	31635	31635	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	27265	27265	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	5448	5448	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	8948	8948	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	74826	74826	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	69362	69362	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	108624	108624	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	30	30	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2370941184	2370941184	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.837890625	0.837905884 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1418674432	1418674432	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-35.6463013	-35.6463013 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-174.033997	-174.033997 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-87.4615021	-87.4615021 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-94.7369003	-94.7369003 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-210.714996	-210.714996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.30420005	1.30420005 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.45819998	1.45819998 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	28792	28792	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.239990234	0.240005001 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	4095	4095	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	19660	19660 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.103 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.360000014
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.49000001
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	9830
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	13762
CDD_CumMechMtrPos_Rev_G_s15p16[0]	22033
CDD_CumMechMtrPos_Rev_G_s15p16[1]	59303
CDD_Die1RxError_Cnt_G_u16[0]	16765
CDD_Die1RxError_Cnt_G_u16[1]	59465
CDD_Die1RxMtrPos_Cnt_G_u16[0]	35835
CDD_Die1RxMtrPos_Cnt_G_u16[1]	37065
CDD_Die1RxRevCtr_Cnt_G_u16[0]	26300
CDD_Die1RxRevCtr_Cnt_G_u16[1]	48265
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	65535
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	65535
CDD_Die2RxError_Cnt_G_u16[0]	25865
CDD_Die2RxError_Cnt_G_u16[1]	27965
CDD_Die2RxMtrPos_Cnt_G_u16[0]	18748
CDD_Die2RxMtrPos_Cnt_G_u16[1]	41584
CDD_Die2RxRevCtr_Cnt_G_u16[0]	7548
CDD_Die2RxRevCtr_Cnt_G_u16[1]	51119
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3024333312
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3161961216
CDD_MechMtrPos1_Rev_G_u0p16[0]	64172
CDD_MechMtrPos1_Rev_G_u0p16[1]	36523
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2290317824
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2646196992
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	1.41700006
CDD_MtrCurr1_Volts_G_f32[1]	2.6092
CDD_MtrCurr2_Volts_G_f32[0]	4.39160013
CDD_MtrCurr2_Volts_G_f32[1]	4.88870001
CDD_MtrCurrDax_Amp_G_f32[0]	-108.086998
CDD_MtrCurrDax_Amp_G_f32[1]	207.514008
CDD_MtrCurrK1_Amps_G_f32[0]	-183.455002
CDD_MtrCurrK1_Amps_G_f32[1]	-169.322998
CDD_MtrCurrK2_Amps_G_f32[0]	65.0574036
CDD_MtrCurrK2_Amps_G_f32[1]	218.718994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-130.636993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	17.1716995
CDD_MtrCurrQax_Amp_G_f32[0]	-66.4740982
CDD_MtrCurrQax_Amp_G_f32[1]	-58.1958008
CDD_MtrVoltDax_Volt_G_f32[0]	1.176
CDD_MtrVoltDax_Volt_G_f32[1]	1.36829996
CDD_MtrVoltQax_Volt_G_f32[0]	3.53329992
CDD_MtrVoltQax_Volt_G_f32[1]	1.62390006
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	131987
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	188857
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	65089
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	71498
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	30909
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	100597
CDD_PhaseAdvFinal_Cnt_G_u16[0]	25093
CDD_PhaseAdvFinal_Cnt_G_u16[1]	64464
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	5427
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	27392
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	17694
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24241
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2751
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2355
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	21626
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	29491

Name	Input Value
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.41700006	1.41700006 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	4.39160013	4.39160013 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.360000014	0.360000014 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.149993896	0.149994001 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	9830	9830 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.336196899	0.336196989 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	16765	16765	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	35835	35835	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	26300	26300	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	25865	25865	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	18748	18748	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	7548	7548	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	131987	131987	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	65089	65089	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	30909	30909	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2352	2352	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	0	0	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	3024333312	3024333312	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.979187012	0.979187012 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2290317824	2290317824	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-108.086998	-108.086998 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-183.455002	-183.455002 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	65.0574036	65.0574036 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-130.636993	-130.636993 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-66.4740982	-66.4740982 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	1.176	1.176 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.53329992	3.53329992 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	5427	5427	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.269989014	0.270004004 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	2751	2751	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	21626	21626 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.104 (Repeat Count = 1)	✔
Name	**Input Value**
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.389999986
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.529999971
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	11795
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16384
CDD_CumMechMtrPos_Rev_G_s15p16[0]	8564
CDD_CumMechMtrPos_Rev_G_s15p16[1]	2234
CDD_Die1RxError_Cnt_G_u16[0]	22800
CDD_Die1RxError_Cnt_G_u16[1]	62435
CDD_Die1RxMtrPos_Cnt_G_u16[0]	399
CDD_Die1RxMtrPos_Cnt_G_u16[1]	64100
CDD_Die1RxRevCtr_Cnt_G_u16[0]	30500
CDD_Die1RxRevCtr_Cnt_G_u16[1]	35665
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	0
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	0
CDD_Die2RxError_Cnt_G_u16[0]	13264
CDD_Die2RxError_Cnt_G_u16[1]	32165
CDD_Die2RxMtrPos_Cnt_G_u16[0]	21718
CDD_Die2RxMtrPos_Cnt_G_u16[1]	47619
CDD_Die2RxRevCtr_Cnt_G_u16[0]	55319
CDD_Die2RxRevCtr_Cnt_G_u16[1]	60484
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2198565888
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3437217024
CDD_MechMtrPos1_Rev_G_u0p16[0]	45776
CDD_MechMtrPos1_Rev_G_u0p16[1]	7844
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1344296192
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3041707008
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	4.26340008
CDD_MtrCurr1_Volts_G_f32[1]	0.993799984
CDD_MtrCurr2_Volts_G_f32[0]	3.06999993
CDD_MtrCurr2_Volts_G_f32[1]	5
CDD_MtrCurrDax_Amp_G_f32[0]	-43.2832985
CDD_MtrCurrDax_Amp_G_f32[1]	-30.9358006
CDD_MtrCurrK1_Amps_G_f32[0]	-141.061005
CDD_MtrCurrK1_Amps_G_f32[1]	55.6365013
CDD_MtrCurrK2_Amps_G_f32[0]	-181.671005
CDD_MtrCurrK2_Amps_G_f32[1]	85.0419006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-102.374001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-67.6166992
CDD_MtrCurrQax_Amp_G_f32[0]	123.728996
CDD_MtrCurrQax_Amp_G_f32[1]	136.076004
CDD_MtrVoltDax_Volt_G_f32[0]	0.0223999992
CDD_MtrVoltDax_Volt_G_f32[1]	1.75279999
CDD_MtrVoltQax_Volt_G_f32[0]	0.176400006
CDD_MtrVoltQax_Volt_G_f32[1]	3.8052001
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	71362
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	76962
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	26636
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	84315
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	65898
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	186857
CDD_PhaseAdvFinal_Cnt_G_u16[0]	29293
CDD_PhaseAdvFinal_Cnt_G_u16[1]	51863
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	9627
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	14792
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	19660
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26869
CDD_SysCVSwitchADC_Cnt_G_u16[0]	583
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3061
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	23592
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32112

Name	Input Value
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	4.26340008	4.26340008 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.06999993	3.06999993 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.389999986	0.389999986 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.179977417	0.179993004 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	11795	11795 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.13067627	0.13067627 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	22800	22800	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	399	399	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	30500	30500	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	0	0	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	13264	13264	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	21718	21718	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	55319	55319	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	71362	71362	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	26636	26636	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	65898	65898	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	2746	2746	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	2	2	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	2198565888	2198565888	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.698486328	0.698501587 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1344296192	1344296192	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	1	1 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-43.2832985	-43.2832985 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-141.061005	-141.061005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-181.671005	-181.671005 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-102.374001	-102.374001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	123.728996	123.728996 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.0223999992	0.0223999992 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	0.176400006	0.176400006 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	9627	9627	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.299987793	0.300002992 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	583	583	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	23592	23592 ± 0.000030517578125	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Test Step 2.105 (Repeat Count = 1) ✔

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.209999993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.730000019
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	41287
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	55705
CDD_CumMechMtrPos_Rev_G_s15p16[0]	14162
CDD_CumMechMtrPos_Rev_G_s15p16[1]	48103
CDD_Die1RxError_Cnt_G_u16[0]	58765
CDD_Die1RxError_Cnt_G_u16[1]	64535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	12299
CDD_Die1RxMtrPos_Cnt_G_u16[1]	42135
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2764
CDD_Die1RxRevCtr_Cnt_G_u16[1]	53335
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	65535
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	65535
CDD_Die2RxError_Cnt_G_u16[0]	21834
CDD_Die2RxError_Cnt_G_u16[1]	30935
CDD_Die2RxMtrPos_Cnt_G_u16[0]	18048
CDD_Die2RxMtrPos_Cnt_G_u16[1]	23818
CDD_Die2RxRevCtr_Cnt_G_u16[0]	27584
CDD_Die2RxRevCtr_Cnt_G_u16[1]	60749
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1619552000
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2215939584
CDD_MechMtrPos1_Rev_G_u0p16[0]	9732
CDD_MechMtrPos1_Rev_G_u0p16[1]	52376
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	1481924096
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	2244441856
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	3.45449996
CDD_MtrCurr1_Volts_G_f32[1]	4.28760004
CDD_MtrCurr2_Volts_G_f32[0]	3.26220012
CDD_MtrCurr2_Volts_G_f32[1]	4.32749987
CDD_MtrCurrDax_Amp_G_f32[0]	-191.091995
CDD_MtrCurrDax_Amp_G_f32[1]	49.1421013
CDD_MtrCurrK1_Amps_G_f32[0]	113.305
CDD_MtrCurrK1_Amps_G_f32[1]	174.541
CDD_MtrCurrK2_Amps_G_f32[0]	60.3469009
CDD_MtrCurrK2_Amps_G_f32[1]	99.1733017
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	51.2876015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	151.990997
CDD_MtrCurrQax_Amp_G_f32[0]	-24.0799007
CDD_MtrCurrQax_Amp_G_f32[1]	216.154007
CDD_MtrVoltDax_Volt_G_f32[0]	0.806999981
CDD_MtrVoltDax_Volt_G_f32[1]	1.64020002
CDD_MtrVoltQax_Volt_G_f32[0]	3.4691999
CDD_MtrVoltQax_Volt_G_f32[1]	3.99749994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	113279
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	151213
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	27445
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	199674
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	28772
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	193266
CDD_PhaseAdvFinal_Cnt_G_u16[0]	18963
CDD_PhaseAdvFinal_Cnt_G_u16[1]	52128
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	15057
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	47428
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	23235
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3192
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3919
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	25559
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34734

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	3.45449996	3.45449996 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	3.26220012	3.26220012 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.209999993	0.209999993 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.629989624	0.630005002 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	41287	41287 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.216094971	0.216095001 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	58765	58765	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	12299	12299	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	2764	2764	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	21834	21834	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	18048	18048	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	27584	27584	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	113279	113279	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	27445	27445	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	28772	28772	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1777	1777	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	1619552000	1619552000	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.148498535	0.148498535 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	1481924096	1481924096	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	-191.091995	-191.091995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	113.305	113.305 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	60.3469009	60.3469009 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	51.2876015	51.2876015 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-24.0799007	-24.0799007 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.806999981	0.806999981 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	3.4691999	3.4691999 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	15057	15057	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	3192	3192	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	25559	25559 ± 0.000030517578125	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✓
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✓

Test Step 2.106 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.709999979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.709999979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43253
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	58327
CDD_CumMechMtrPos_Rev_G_s15p16[0]	12164
CDD_CumMechMtrPos_Rev_G_s15p16[1]	11499
CDD_Die1RxError_Cnt_G_u16[0]	16499
CDD_Die1RxError_Cnt_G_u16[1]	29535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	18165
CDD_Die1RxMtrPos_Cnt_G_u16[1]	55265
CDD_Die1RxRevCtr_Cnt_G_u16[0]	42400
CDD_Die1RxRevCtr_Cnt_G_u16[1]	50100
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	1680
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	1725
CDD_Die2RxError_Cnt_G_u16[0]	19999
CDD_Die2RxError_Cnt_G_u16[1]	51765
CDD_Die2RxMtrPos_Cnt_G_u16[0]	36949
CDD_Die2RxMtrPos_Cnt_G_u16[1]	41319
CDD_Die2RxRevCtr_Cnt_G_u16[0]	1683
CDD_Die2RxRevCtr_Cnt_G_u16[1]	9383
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	426776832
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1499297792
CDD_MechMtrPos1_Rev_G_u0p16[0]	43253
CDD_MechMtrPos1_Rev_G_u0p16[1]	43974
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2628823296
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3483092992
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	1.78820002
CDD_MtrCurr1_Volts_G_f32[1]	3.28649998
CDD_MtrCurr2_Volts_G_f32[0]	0.0577999987
CDD_MtrCurr2_Volts_G_f32[1]	4.86439991
CDD_MtrCurrDax_Amp_G_f32[0]	14.3849001
CDD_MtrCurrDax_Amp_G_f32[1]	205.729996
CDD_MtrCurrK1_Amps_G_f32[0]	-9.16740036
CDD_MtrCurrK1_Amps_G_f32[1]	100.957001
CDD_MtrCurrK2_Amps_G_f32[0]	-136.350006
CDD_MtrCurrK2_Amps_G_f32[1]	216.934998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-22.2959995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	29.5191994
CDD_MtrCurrQax_Amp_G_f32[0]	-185.378006
CDD_MtrCurrQax_Amp_G_f32[1]	64.2762985
CDD_MtrVoltDax_Volt_G_f32[0]	0.638999999
CDD_MtrVoltDax_Volt_G_f32[1]	3.5473001
CDD_MtrVoltQax_Volt_G_f32[0]	1.19959998
CDD_MtrVoltQax_Volt_G_f32[1]	0.599699974
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	44399
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	131178
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	47190
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	144131
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	46672
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	86452
CDD_PhaseAdvFinal_Cnt_G_u16[0]	762
CDD_PhaseAdvFinal_Cnt_G_u16[1]	58598
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	21527
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	29227
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	22659
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	22646
CDD_SysCVSwitchADC_Cnt_G_u16[0]	190
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1004
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	27525
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	37355

Name	Input Value
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr1_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ADCMtrCurr2_Volts_f32	target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrCurrPosition_Rev_	target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrMtrPosElec_Rev_f32	target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CorrectedElecMtrPos_Re	target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_CumMechMtrPos_Rev_f3	target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxError_Cnt_u16	target_CDDInterface9_Per1_Die1RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die1UnderVoltgFltAccum_	target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxError_Cnt_u16	target_CDDInterface9_Per1_Die2RxError_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16	target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16	target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u	target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_LRPRPhaseadvanceCapt	target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MEC_Cnt_enum	target_CDDInterface9_Per1_MEC_Cnt_enum
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1Timestamp_	target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos1_Rev_f32	target_CDDInterface9_Per1_MechMtrPos1_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MechMtrPos2Timestamp_	target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_ModIdxFinal_Uls_f32	target_CDDInterface9_Per1_ModIdxFinal_Uls_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrDax_Amp_f32	target_CDDInterface9_Per1_MtrCurrDax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK1_Amp_f32	target_CDDInterface9_Per1_MtrCurrK1_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrK2_Amp_f32	target_CDDInterface9_Per1_MtrCurrK2_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp	target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrCurrQax_Amp_f32	target_CDDInterface9_Per1_MtrCurrQax_Amp_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltDax_Volt_f32	target_CDDInterface9_Per1_MtrVoltDax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_MtrVoltQax_Volt_f32	target_CDDInterface9_Per1_MtrVoltQax_Volt_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_RxMtrPosParityAccum_C	target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCCorrMtrPosElec_Re	target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_SysCVSwitchADC_Cnt_u	target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Per1_UncorrMechMtrPos1_Rev	target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
target_CDDInterface9_Per1_ADCMtrCurr1_Volts_f32.value	1.78820002	1.78820002 ± 0.000244140625	✔
target_CDDInterface9_Per1_ADCMtrCurr2_Volts_f32.value	0.0577999987	0.0577999987 ± 0.000244140625	✔
target_CDDInterface9_Per1_CorrMtrCurrPosition_Rev_f32.value	0.709999979	0.709999979 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrMtrPosElec_Rev_f32.value	0.659988403	0.66000402 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CorrectedElecMtrPos_Rev_u0p16.value	43253	43253 ± 0.000030517578125	✔
target_CDDInterface9_Per1_CumMechMtrPos_Rev_f32.value	0.18560791	0.18560791 ± 0.03125	✔
target_CDDInterface9_Per1_Die1RxError_Cnt_u16.value	16499	16499	✔
target_CDDInterface9_Per1_Die1RxMtrPos_Cnt_u16.value	18165	18165	✔
target_CDDInterface9_Per1_Die1RxRevCtr_Cnt_u16.value	42400	42400	✔
target_CDDInterface9_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1680	1680	✔
target_CDDInterface9_Per1_Die2RxError_Cnt_u16.value	19999	19999	✔
target_CDDInterface9_Per1_Die2RxMtrPos_Cnt_u16.value	36949	36949	✔
target_CDDInterface9_Per1_Die2RxRevCtr_Cnt_u16.value	1683	1683	✔
target_CDDInterface9_Per1_ExpectedOnTimeA_Cnt_u32.value	44399	44399	✔
target_CDDInterface9_Per1_ExpectedOnTimeB_Cnt_u32.value	47190	47190	✔
target_CDDInterface9_Per1_ExpectedOnTimeC_Cnt_u32.value	46672	46672	✔
target_CDDInterface9_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	71	71	✔
target_CDDInterface9_Per1_MEC_Cnt_enum.value	1	1	✔
target_CDDInterface9_Per1_MechMtrPos1Timestamp_USec_u32.value	426776832	426776832	✔
target_CDDInterface9_Per1_MechMtrPos1_Rev_f32.value	0.659988403	0.660003662 ± 0.0000152587890625	✔
target_CDDInterface9_Per1_MechMtrPos2Timestamp_USec_u32.value	2628823296	2628823296	✔
target_CDDInterface9_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.000030517578125	✔
target_CDDInterface9_Per1_MtrCurrDax_Amp_f32.value	14.3849001	14.3849001 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK1_Amp_f32.value	-9.16740036	-9.16740036 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrK2_Amp_f32.value	-136.350006	-136.350006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-22.2959995	-22.2959995 ± 0.015625	✔
target_CDDInterface9_Per1_MtrCurrQax_Amp_f32.value	-185.378006	-185.378006 ± 0.015625	✔
target_CDDInterface9_Per1_MtrVoltDax_Volt_f32.value	0.638999999	0.638999999 ± 0.000244140625	✔
target_CDDInterface9_Per1_MtrVoltQax_Volt_f32.value	1.19959998	1.19959998 ± 0.000244140625	✔
target_CDDInterface9_Per1_RxMtrPosParityAccum_Cnt_u16.value	21527	21527	✔
target_CDDInterface9_Per1_SysCCorrMtrPosElec_Rev_f32.value	0.345748901	0.345764011 ± 0.000030517578125	✔
target_CDDInterface9_Per1_SysCVSwitchADC_Cnt_u16.value	190	190	✔
target_CDDInterface9_Per1_UncorrMechMtrPos1_Rev_u0p16.value	27525	27525 ± 0.000030517578125	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	Rte_Call_Sa_CDDInterface9_CDDPorts_ClearPhsReasSum	1	✔
Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	Rte_Call_Sa_CDDInterface9_Get_PhaseFdbk_PhaseFdbk	1	✔

Project	CDDInterface9
Module	CDDInterface_9
Test Object	CDDInterface9_Init1

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\PSA_CMP_05.03.00_CDDInterface
Configuration File	D:\Synergy_Work_Area\PSA_CMP_05.03.00_CDDInterface\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	$(PROJECTROOT)\Inputs\CDDInterface\src\Sa_CDDInterface9.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -Dconst= -I$(PROJECTROOT)\contracts -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include

Comments/Description/Specification	
Name	**Text**
Module 'CDDInterface_9'	**********************************Unit Test Information******************************** Name of Tester: Radhika Pethe Code File(s) Under Test:Sa_CDDInterface9 Code File(s) Version: 4 Module Design Document:CDDInterface9_MDD Module Design Document Version:7 Data Dictionary Version: 7 Unit Test Plan Version:3 Optimization Level:Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes):874 Total RAM Used (Bytes):0 Total CALS Used (Bytes):0 Special Test Requirements:NA Test Date: 5/24/2018 Comments: Note1: "CBD_Sandbox_dbg.map" is embedded for reference. Note2: In Function "CDDInterface9_Init1" for variable"NxtrMEC_Uls_G_enum" out of range value is given to cover the default case at source code line no.218. **

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_ps.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

Attributes	
Name	**Value**
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PSA_CMP_05.03.00_CDDInterface\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✓

Specification	Performance Metrics: (With "None" Instrumentation and "WithPS" Environment) CPU Cycles: TS1.1 77.00 Cycles TS1.2 72.00 Cycles

Description	Vector Description:
	
	TS1.1" Shortest Execution Path:
	switch (NxtrMEC_Uls_G_enum)
	  {
	   case ProductionMode:
	   MecTemp_Uls_T_u08 = 0U;
	   break;"
	  TS1.2" Longest Execution Path:
	  case EngineeringMode:
	   MecTemp_Uls_T_u08 = 255U;
	   break;
	  "

Test Step 1.1 (Repeat Count = 1) ✓

Name	Input Value
Nvm_IgnCntr_Cnt_u16	0
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	0	0	✓
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	0	0	✓
target_CDDInterface9_Init1_MEC_Cnt_enum.value	0	0	✓

Test Step Call Trace ✓

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

Test Step 1.2 (Repeat Count = 1) ✓

Name	Input Value
Nvm_IgnCntr_Cnt_u16	65535
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	65535	65535	✓
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	255	255	✓
target_CDDInterface9_Init1_MEC_Cnt_enum.value	2	2	✓

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 75.00 Cycles TS2.2 86.00 Cycles TS2.3 77.00 Cycles TS2.4 72.00 Cycles TS2.5 71.00 Cycles TS2.6 75.00 Cycles TS2.7 64.00 Cycles TS2.8 86.00 Cycles
Description	Vector Description: TS2.1All Min TS2.2All Max TS2.3NxtrMEC_Uls_G_enum==>ProductionMode TS2.4NxtrMEC_Uls_G_enum==>ManufacturingMode TS2.5NxtrMEC_Uls_G_enum==>EngineeringMode TS2.6Nvm_IgnCntr_Cnt_u16==>Min TS2.7Nvm_IgnCntr_Cnt_u16==>Max TS2.8Nvm_IgnCntr_Cnt_u16==>Pos

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
Nvm_IgnCntr_Cnt_u16	0
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	0	0	✔
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	0	0	✔
target_CDDInterface9_Init1_MEC_Cnt_enum.value	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
Nvm_IgnCntr_Cnt_u16	65535
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	255	255	✔
target_CDDInterface9_Init1_MEC_Cnt_enum.value	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
Nvm_IgnCntr_Cnt_u16	123
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔

Name	Actual Value	Expected Value	Result
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	123	123	✔
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	0	0	✔
target_CDDInterface9_Init1_MEC_Cnt_enum.value	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
Nvm_IgnCntr_Cnt_u16	245
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	245	245	✔
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	255	255	✔
target_CDDInterface9_Init1_MEC_Cnt_enum.value	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
Nvm_IgnCntr_Cnt_u16	4923
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	4923	4923	✔
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	1	1	✔
target_CDDInterface9_Init1_MEC_Cnt_enum.value	1	1	✔

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
Nvm_IgnCntr_Cnt_u16	0
NxtrMEC_Uls_G_enum	0
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	0	0	✔
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	0	0	✔
target_CDDInterface9_Init1_MEC_Cnt_enum.value	0	0	✔

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
Nvm_IgnCntr_Cnt_u16	65535
NxtrMEC_Uls_G_enum	1
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	65535	65535	✔
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	1	1	✔
target_CDDInterface9_Init1_MEC_Cnt_enum.value	1	1	✔

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
Nvm_IgnCntr_Cnt_u16	21012
NxtrMEC_Uls_G_enum	2
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	21012	21012	✔
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	255	255	✔
target_CDDInterface9_Init1_MEC_Cnt_enum.value	2	2	✔

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 65.00 Cycles
```

Description   Vector Description:

```
TS3.1"switch (NxtrMEC_Uls_G_enum){
 default:
   MecTemp_Uls_T_u08 = 0U;
   break;"
```

Test Step 3.1 (Repeat Count = 1) ✔

Name	Input Value
Nvm_IgnCntr_Cnt_u16	123
NxtrMEC_Uls_G_enum	3
Rte_Inst_Sa_CDDInterface9	target_Rte_Inst_Sa_CDDInterface9
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_IgnCnt_Cnt_u16	target_CDDInterface9_Init1_IgnCnt_Cnt_u16
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MECTemp_Cnt_u08	target_CDDInterface9_Init1_MECTemp_Cnt_u08
target_Rte_Inst_Sa_CDDInterface9.CDDInterface9_Init1_MEC_Cnt_enum	target_CDDInterface9_Init1_MEC_Cnt_enum

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
target_CDDInterface9_Init1_IgnCnt_Cnt_u16.value	123	123	✔
target_CDDInterface9_Init1_MECTemp_Cnt_u08.value	0	0	✔
target_CDDInterface9_Init1_MEC_Cnt_enum.value	3	3	✔

Test Step Call Trace   ✔

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