

Summary

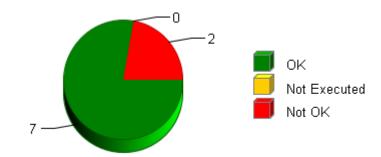
Total Test Objects: 9

Successful: 7
Failed: 2

Not Executed: 0

Date: 2014-08-22 **Time:** 17:02:56+0530

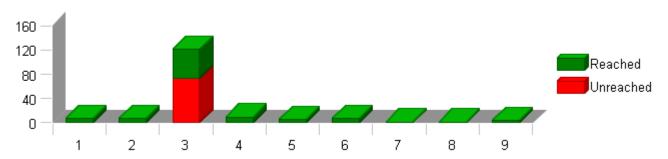
Overall Test Object Results (including Coverage)





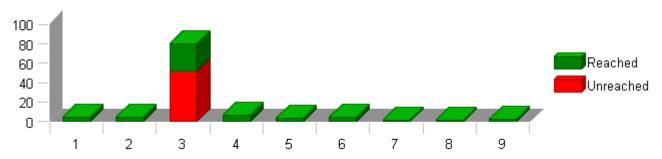
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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



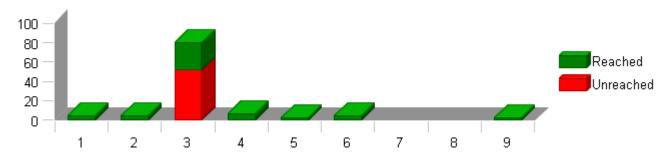
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

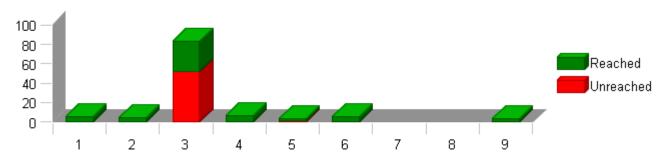


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



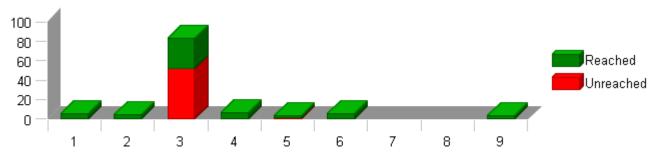
MC/DC Coverage: Total Condition Combinations for Each Test Object



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.

MCC 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 MCC coverage, each decision requires all contained atomic conditions to evaluate to all possible combinations of true and false values. 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	MCC	Test Cases	Result
	CBD_DigHwTrqSENT	54.65 %	50.47 %	49.01 %	51.37 %	51.37 %	21 of 21 passed	×
	CBD_UnitTest	54.65 %	50.47 %	49.01 %	51.37 %	51.37 %	21 of 21 passed	*
	DigHwTrqSENT	54.65 %	50.47 %	49.01 %	51.37 %	51.37 %	21 of 21 passed	×
1	DigHwTrqSENT_Init1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•
2	<u>DigHwTrqSENT_Per1</u>	100 %	100 %	100 %	100 %	100 %	2 of 2 passed	~
3	<u>DigHwTrqSENT_Per2</u>	39.66 %	35 %	35 %	37.34 %	37.34 %	3 of 3 passed	*
4	<u>DigHwTrqSENT_Per3</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	~
5	<u>DigHwTrqSENT_SCom_ClrTrqTrim</u>	100 %	100 %	100 %	66.66 %	66.66 %	2 of 2 passed	*
6	<u>DigHwTrqSENT_SCom_SetTrqTrim</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•
7	DigHwTrqSENT_SCom_TrimData	100 %	100 %	-	-	-	1 of 1 passed	•
8	<u>DigHwTrqSENT_SCom_WriteData</u>	100 %	100 %	-	-	-	1 of 1 passed	•
9	<u>TrimNotPerfDiag</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•

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DigHwTrqSENT_SCom_WriteData

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Project CBD_DigHwTrqSENT

Module DigHwTrqSENT

Test Object DigHwTrqSENT_SCom_WriteData

Instrumentation: Test Object and Called Functions

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

Statistics

Total Testcases	1	
Successful	1	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_DigHwTrqSENT	
Configuration File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\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)\DigHwTrqSENT\src\Sa_DigHwTrqSENT.c	
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\include	
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c	
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include \TMS570 HerculesRegs -I\$(Compiler Install Path)\include	

Comments/Descriptio	Text
Module 'DigHwTrqSENT'	Name of Tester:Ankita Bhardwaj Code File(s) Under Test:Sa_DigHwTrqSENT.c Code File(s) Version:3 Module Design Document:DigHwTrqSENT_MDD.docx Module Design Document Version:11 Data Dictionary Version:3 Unit Test Plan Version:5 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS570_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.30 Total FLASH Used (Bytes):1638 Total RAM Used (Bytes):1638 Total CALS Used (Bytes):108 Special Test Requirements: Test Date:8/22/2014 Comments:"NOTE1: Inline functions declared in GlobalMacro.h are not Unit Tested. NOTE2:""CBD_Sandbox_dbg.map" map file is embedded for reference. NOTE3: Low MC/DC coverage in function ""DigHwTrqSENT_SCom_ClrTrqTrim"" as the path ""if(D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc) "" at line number 1210 of source code cannot be made FALSE which has been called in function ""TrimNotPerfDiag"" as ""Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc "" gets updated with const ""D_TRIMNOTPERFORMED_CNT_LGC"" available.

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				

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Attributes					
Name	Value				
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>				
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl				
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2				
Time Unit	Cycles				
Timer Enabled	false				
Timer Prescale	0				
Timer Resolution					
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg				
Workspace File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP				



Test Case 1: Boundary Test

DigHwTrqSENT_SCom_WriteData

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

TC 1.1 188.00 Cycles
TC 1.2 186.00 Cycles
TC 1.3 186.00 Cycles
TC 1.4 186.00 Cycles
TC 1.5 186.00 Cycles

Description Vector Description:

TC1.1HwTrqTrim_HwNm_f32==>Min TC1.2HwTrqTrim_HwNm_f32==>Max TC1.3HwTrqTrim_HwNm_f32==>zero TC1.4HwTrqTrim_HwNm_f32==>Pos TC1.5HwTrqTrim_HwNm_f32==>Neg

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
HwTrqTrim_HwNm_f32	-10		
Rte_Inst_Sa_DigHwTrqSENT	target_Rte_Inst_Sa_DigHwTr	qSENT	
target_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	target_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
target_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-10	-10 ± 0.00048828125	~
target Pim DigTrqTrim.k EOLHwTrqTrimPerformed Cnt Lgc	1	1	✓

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~	

Test Step 1.2 (Repeat Count = 1)				
Name	Input Value			
HwTrqTrim_HwNm_f32	10			
Rte_Inst_Sa_DigHwTrqSENT	target_Rte_Inst_Sa_DigHwTrq	SENT		
target_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	target_Pim_DigTrqTrim			
Name	Actual Value	Expected Value	Result	
target_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	10	10 ± 0.00048828125	~	
target Pim DigTrgTrim.k EOLHwTrgTrimPerformed Cnt Lgc	1	1	✓	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa DigHwTrgSENT NvM DigHwTrgSENTTrim Srv WriteBlock	1	Rte Call Sa DigHwTrgSENT NvM DigHwTrgSENTTrim Srv WriteBlock	1	~

Test Step 1.3 (Repeat Count = 1)				
Name	Input Value			
HwTrqTrim_HwNm_f32	0			
Rte_Inst_Sa_DigHwTrqSENT	target_Rte_Inst_Sa_DigHwT	rqSENT		
target_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	target_Pim_DigTrqTrim			
Name	Actual Value	Expected Value	Result	
target_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	✓	
target Pim DigTrgTrim.k EOLHwTrgTrimPerformed Cnt Lgc	1	1	✓	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~

Test Step 1.4 (Repeat Count = 1)			✓
Name	Input Value		
HwTrqTrim_HwNm_f32	5.44999981		
Rte_Inst_Sa_DigHwTrqSENT	target_Rte_Inst_Sa_DigHwTrq	SENT	
target_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	target_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
target_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	5.44999981	5.44999981 ± 0.00048828125	~

DigHwTrqSENT_SCom_WriteData

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Name	Actual Value	Expected Value	Result
target Pim DigTrgTrim.k EOLHwTrgTrimPerformed Cnt Lgc	1	1	✓

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~

Test Step 1.5 (Repeat Count = 1)			
Name	Input Value		
HwTrqTrim_HwNm_f32	-6.32000017		
Rte_Inst_Sa_DigHwTrqSENT	target_Rte_Inst_Sa_DigHwT	rqSENT	
target_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	target_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
target_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-6.32000017	-6.32000017 ± 0.00048828125	~
target_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~

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DigHwTrqSENT_Init1

 Project
 CBD_DigHwTrqSENT

 Module
 DigHwTrqSENT

 Test Object
 DigHwTrqSENT_Init1

Instrumentation: Test Object and Called Functions

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

Statistics

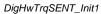
Total Testcases	3	
Successful	3	✓
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_DigHwTrqSENT
Configuration File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\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)\DigHwTrqSENT\src\Sa_DigHwTrqSENT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\include

Comments/Description/Spo	ecification
Name	Text

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Module 'DigHwTrqSENT'

Name of Tester:Ankita Bhardwaj

Name of Tester:Ankita Bhardwaj
Code File(s) Under Test:Sa_DigHwTrqSENT.c
Code File(s) Version:8
Module Design Document:DigHwTrqSENT_MDD.docx
Module Design Document Version:11
Data Dictionary Version:8
Unit Test Plan Version:5
Optimization Level:Level 2
Compiler (CodeGen) Version:TMS570_4.9.5
Model Type:Excel Macro
Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.30
Total FLASH Used (Bytes):1638
Total RAM Used (Bytes):1638
Total CALS Used (Bytes):108
Special Test Requirements:
Test Date:8/22/2014
Comments:"NOTE1: Inline functions declared in GlobalMacro.h are

Comments: NOTE1: Inline functions declared in GlobalMacro.h are not Unit Tested.

NOTE2:""CBD_Sandbox_dbg.map"" map file is embedded for reference.

NOTE3: Low MC/DC coverage in function ""DigHwTrqSENT_SCom_ClrTrqTrim"" as the path ""if(D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc) "" at line number 1210 of source code cannot be made FALSE which has been called in function ""TrimNotPerfDiag"" as ""Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc "" gets updated with const ""D_TRIMNOTPERFORMED_CNT_LGC""having value FALSE always."

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	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl</pre>
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TS1.1 8137.00 Cycles TS1.2 8243.00 Cycles

Description Vector Description:

 $TS1.1 \ Shortest \ Execution \ Path:=>if \ (NVM_REQ_OK != NvMBlkStatus_Cnt_T_u8) = True \ if \ (NVM_REQ_OK != NvMBlkStatus_Cnt_T_u8) = TRUE"$

 $TS1.2\ Longest\ Execution\ Path:=>\ if\ (NVM_REQ_OK\ !=\ NvMBlkStatus_Cnt_T_u8) = False\ if\ (NVM_REQ_OK\ !=\ NvMBlkStatus_Cnt_T_u8) = FALSE"$

Test Step 1.1 (Repeat Count = 1) ✓				
Name	Input Value			
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	13			
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.10145			
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-6.68			
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	6			
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.4441			
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	13			
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.559			
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(Erro	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT			
k_HwTrqLPFFc_Hz_f32	0			
k_T1T2CMCLPFFc_Hz_f32	0.649			
k_T1T2SSLPFFc_Hz_f32	4.882			
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2			
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0			
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	6			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim			
Name	Actual Value	Expected Value	Result	
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-6.67999983	-6.68 ± 0.000976	~	
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.334873974	0.334873963 ± 0.0000009	~	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-6.67999983	-6.68 ± 0.000976	~	
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~	
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0	0 ± 0.000009	~	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~	
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~	
DigHwTrqSENT_SSFiltKSV_M_str.K_UIs_f32	0.953460395	0.95346037 ± 0.0000009	~	
NTC	0x0C	0x0C	~	
Param	0x02	0x02	~	
Status	0x01	0x01	~	
NTC	0xFB	0xFB	~	
Param	0x01	0x01	~	
Status	0x01	0x01	✓	

T						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~		
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~		

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	6
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.41295
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	18.63
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-1
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.7556
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-15
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.3195
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_HwTrqLPFFc_Hz_f32	11.38

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DigHwTrqSENT_Init1	2, 70.77.7070000		Razoro	'At
Name	Input Value			
k_T1T2CMCLPFFc_Hz_f32	8.584			
k_T1T2SSLPFFc_Hz_f32	8.691			
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0			
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1			
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	0			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_C	nt_enum		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim			
Name	Actual Value	Expected Value		Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	18.6299992	18.63 ± 0.000976		~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.995453894	0.995453903 ± 0.0000009		~

<u> </u>			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	18.6299992	18.63 ± 0.000976	•
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.995453894	0.995453903 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	18.6299992	18.63 ± 0.000976	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.133250535	0.133250523 ± 0.0000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.995749474	0.99574949 ± 0.0000009	✓
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x00	0x00	•
NTC	0xFB	0xFB	✓
Param	0x01	0x01	•
Status	0x00	0x00	✓

T						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~		
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~		

Test Case 2: Path Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TS2.1 8240.00 Cycles TS2.2 8241.00 Cycles

Description Vector Description:

TS2.1 (NVM_REQ_OK <> NvMBlkStatus_Cnt_T_u8) ==> TRUE TS2.2 (NVM_REQ_OK <> NvMBlkStatus_Cnt_T_u8) ==> FALSE

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.3818		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-9.989		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.72445		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	5		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.28835		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigH	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	177.968		
k_T1T2CMCLPFFc_Hz_f32	0.578		
k_T1T2SSLPFFc_Hz_f32	3.54		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	69		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-9.98900032	-9.989 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.304530501	0.304530492 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-9.98900032	-9.989 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_UIs_f32	0.893158853	0.89315882 ± 0.0000009	•
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~

DigHwTrqSENT_Init1



Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.891851246	0.891851241 ± 0.0000009	✓
NTC	0x0C	0x0C	•
Param	0x02	0x02	✓
Status	0x01	0x01	•
NTC	0xFB	0xFB	✓
Param	0x01	0x01	•
Ctatus	0,,00	0.400	

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStr	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	-	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~	

Test Step 2.2 (Repeat Count = 1)			•
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	6		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.41295		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	18.63		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-1		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.7556		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-15		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.3195		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStrict Strict Stric$	atus(Erroi tgt_Rte_Call_Sa_DigHwTrqSEI	NT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSEN	NT	
k_HwTrqLPFFc_Hz_f32	11.38		
k_T1T2CMCLPFFc_Hz_f32	8.584		
k_T1T2SSLPFFc_Hz_f32	8.691		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErr	orS 0		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cn$	t_enum tgt_DigHwTrqSENT_Init1_MEC	Counter_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Resul
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	18.6299992	18.63 ± 0.000976	•
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.995453894	0.995453903 ± 0.0000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	18.6299992	18.63 ± 0.000976	•
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.133250535	0.133250523 ± 0.0000009	•
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.995749474	0.99574949 ± 0.0000009	
NTC	0x0C	0x0C	•
Param	0x02	0x02	
Status	0x00	0x00	•
NTC	0xFB	0xFB	
Param	0x01	0x01	•
Status	0x00	0x00	

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•	



Test Case 3: Bounday Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cvcles:

TS3.1 7944.00 Cycles TS3.2 TS3.3 TS3.4 TS3.5 8262.00 Cycles 8163.00 Cycles 8276.00 Cycles 8280.00 Cycles TS3.6 8171.00 Cycles 8258.00 Cycles 8259.00 Cycles 8261.00 Cycles TS3.0 8261.00 Cycles TS3.10 8261.00 Cycles TS3.11 8273.00 Cycles TS3.12 8265.00 Cycles 8265.00 Cycles 8267.00 Cycles 8272.00 Cycles 8281.00 Cycles 8278.00 Cycles TS3.13 TS3.14 TS3.15 TS3.16 TS3.17 TS3.18 TS3.19 TS3.20 TS3.21 8276.00 Cycles 8278.00 Cycles 8253.00 Cycles 8248.00 Cycles 8248.00 Cycles 8251.00 Cycles 8252.00 Cycles 8253.00 Cycles 8259.00 Cycles 8265.00 Cycles 8265.00 Cycles 8267.00 Cycles 8167.00 Cycles 8274.00 Cycles 8274.00 Cycles 8275.00 Cycles 8275.00 Cycles TS3.22 TS3.23 TS3.24 TS3.25 TS3 26 TS3.27 TS3.28 TS3.29 TS3.30 TS3.31 TS3.32 TS3.33 TS3.34 TS3.35 TS3.36 8275.00 Cycles 8275.00 Cycles 8282.00 Cycles 8280.00 Cycles TS3.37 8254.00 Cycles 8252.00 Cycles 8253.00 Cycles 8252.00 Cycles 8255.00 Cycles TS3.38 TS3.39 TS3.40 TS3.41 TS3.42 TS3.43 TS3.44 8258.00 Cycles 8258.00 Cycles 8265.00 Cycles TS3.45 8267.00 Cycles TS3.46 8267.00 Cycles

Description

Vector Description:

TS3.2 All Max

k_HwTrqLPFFc_Hz_f32==>Min TS3.3

TS3.4 K_HWTrqLPFFC_HZ_f32==>MIN
TS3.4 K_HWTrqLPFFC_HZ_f32==>Max
TS3.5 K_HWTrqLPFFC_HZ_f32==>Pos
TS3.6 K_T1T2SSLPFFC_HZ_f32==>MIN
TS3.7 K_T1T2SSLPFFC_HZ_f32==>Max

TS3.8 k_T1T2SSLPFFc_Hz_f32==>Pos
TS3.9 DigHwTrqSENT_DigHwTrqKSV_M_str.SV==>Min
TS3.10 DigHwTrqSENT_DigHwTrqKSV_M_str.SV==>Max

TS3.11 DigHwTrqSENT_DigHwTrqKSV_M_str.SV==>Pos TS3.12 DigHwTrqSENT_DigHwTrqKSV_M_str.SV==>Zero TS3.13 DigHwTrqSENT_DigHwTrqKSV_M_str.SV==>Neg

DigHwTrqSENT_DigHwTrqKSV_M_str.K==>Min TS3.14

TS3.14 DigHwTrqSENT_DigHwTrqKSV_M_str.K==>Min
TS3.15 DigHwTrqSENT_DigHwTrqKSV_M_str.K==>Max
TS3.16 DigHwTrqSENT_DigHwTrqKSV_M_str.K==>Pos
TS3.17 DigHwTrqSENT_SFiltKSV_M_str.SV==>Min
TS3.18 DigHwTrqSENT_SSFiltKSV_M_str.SV==>Max
TS3.19 DigHwTrqSENT_SSFiltKSV_M_str.SV==>Pos
TS3.20 DigHwTrqSENT_SSFiltKSV_M_str.SV==>Zero
TS3.21 DigHwTrqSENT_SSFiltKSV_M_str.SV==>Neg
TS3.22 DigHwTrqSENT_SSFiltKSV_M_str.K==>Min
TS3.23 DigHwTrqSENT_SSFiltKSV_M_str.K==>Min
TS3.24 DigHwTrqSENT_SSFiltKSV_M_str.K==>Pos
TS3.25 DigHwTrqSENT_SSFiltKSV_M_str.K==>Pos
TS3.26 DigHwTrqSENT_CMCFiltSV_HwNm_M_f32==>Min
TS3.27 DigHwTrqSENT_CMCFiltSV_HwNm_M_f32==>Pos
TS3.28 DigHwTrqSENT_CMCFiltSV_HwNm_M_f32==>Pos
TS3.29 DigHwTrqSENT_CMCFiltSV_HwNm_M_f32=>Pos
TS3.29 DigHwTrqSENT_CMCFiltSV_HwNm_M_f32=>Neg
TS3.31 k_T1T2CMCLPFFC_Hz_f32==>Min

TS3.31 TS3.32

k_T1T2CMCLPFFc_Hz_f32==>Max k_T1T2CMCLPFFc_Hz_f32==>Pos DigHwTrqSENT_CMCFiltKSV_M_str.SV==>Min TS3.33

TS3.34 TS3.35

DigHwTrqSENT_CMCFiltkSV_M_str.SV==>Max DigHwTrqSENT_CMCFiltkSV_M_str.SV==>Pos DigHwTrqSENT_CMCFiltkSV_M_str.SV==>Zero TS3.36

DigHwTrqSENT_CMCFiltKSV_M_str.SV==>Neg DigHwTrqSENT_CMCFiltKSV_M_str.K==>Min DigHwTrqSENT_CMCFiltKSV_M_str.K==>Max TS3.37

TS3.38

TS3.39 TS3.40 DigHwTrqSENT_CMCFiltKSV_M_str.K==>Pos

MECCounter_Cnt_enum==>ProductionMode MECCounter_Cnt_enum==>EngineeringMode TS3 41

TS3.42

TS3.43 MECCounter_Cnt_enum==>ManufacturingMode TS3 44

GetErrorStatus ==> Min TS3.45 GetErrorStatus ==> Max

TS3.46 GetErrorStatus ==> Pos

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Test Step 3.1 (Repeat Count = 1)			~
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-20		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus (ErrorStatus) = 1.00 \pm 0.00 \pm 0.0$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	0		
k_T1T2CMCLPFFc_Hz_f32	0		
k_T1T2SSLPFFc_Hz_f32	0		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0	0 ± 0.000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	•
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0	0 ± 0.000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	-
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0	0 ± 0.000009	•
NTC	0x0C	0x0C	~
Param	0x02	0x02	•
Status	0x00	0x00	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x01	0x01	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.998132557		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	20		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.998132557		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132557		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	500		
k_T1T2CMCLPFFc_Hz_f32	10		
k_T1T2SSLPFFc_Hz_f32	10		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	255		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20	20 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20	20 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	•

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Name	Actual Value	Expected Value	Result
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	✓

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	13		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.10145		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-6.68		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	6		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.4441		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	13		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.559		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	tus(Erroi tgt_Rte_Call_Sa_DigHwTrqSE	NT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSE	NT	
k_HwTrqLPFFc_Hz_f32	0		
k_T1T2CMCLPFFc_Hz_f32	0.649		
k_T1T2SSLPFFc_Hz_f32	4.882		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErro	rS 6		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_Init1_MECCOunter_Cnt_Init1_MECCOUNTER_Cnt_Init1_M$	_enum tgt_DigHwTrqSENT_Init1_ME	CCounter_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-6.67999983	-6.68 ± 0.000976	✓
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.334873974	0.334873963 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-6.67999983	-6.68 ± 0.000976	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0	0 ± 0.000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.953460395	0.95346037 ± 0.0000009	✓
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	✓
NTC	0xFB	0xFB	✓
Param	0x01	0x01	~
Status	0x01	0x01	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.4 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-14
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.1326
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	20
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-9
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.47525
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	9.1
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.608
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS

DigHwTrqSENT_Init1



Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	500		
k_T1T2CMCLPFFc_Hz_f32	1.664		
k_T1T2SSLPFFc_Hz_f32	3.0024		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	13		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cn	t_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20	20 ± 0.000976	•
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.64849174	0.648491728 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20	20 ± 0.000976	•
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.848392963	0.848392988 ± 0.0000009	•
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	✓
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

T (0) 0 F (D (0) (1)			
Test Step 3.5 (Repeat Count = 1)			~
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	12		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.16375		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	3.7407		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	12		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.5064		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	16		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.657		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	83.12		
k_T1T2CMCLPFFc_Hz_f32	3.474		
k_T1T2SSLPFFc_Hz_f32	9.598		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	20		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	3.74070001	3.7407 ± 0.000976	•
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.88727212	0.887272128 ± 0.0000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	3.74070001	3.7407 ± 0.000976	•
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	•
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.648138285	0.648138176 ± 0.0000009	•
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.997595966	0.997595952 ± 0.0000009	
DIYTW1143E141_33F111N3V_1VI_311.N_UI3_132	0.997090900	0.997393932 ± 0.0000009	



Т					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 3.6 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-3		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.1949		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	1.5899		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-12.1		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.53755		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-11		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.10145		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(Entry)	roı tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_D	higHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	72.68		
k_T1T2CMCLPFFc_Hz_f32	4.7921		
k_T1T2SSLPFFc_Hz_f32	0		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	27		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_C	cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	1.58990002	1.5899 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.950755894	0.950755876 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	1.58990002	1.5899 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.598811507	0.598811471 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0	0 ± 0.000009	✓
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x01	0x01	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.7 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	2
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.22605
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-14.5
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	6
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.5687
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-6
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1326
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_HwTrqLPFFc_Hz_f32	75.788
k_T1T2CMCLPFFc_Hz_f32	4.65
k_T1T2SSLPFFc_Hz_f32	10
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	34
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum

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Name	Input Value		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-14.5	-14.5 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.946156919	0.946156908 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-14.5	-14.5 ± 0.000976	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.614178419	0.614178363 ± 0.0000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	✓
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	✓
NTC	0xFB	0xFB	✓
Param	0x01	0x01	✓
Status	0x00	0x00	✓

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Took Ston 2.0 (Donosk Count = 4)			-0
Test Step 3.8 (Repeat Count = 1) Name	Input Value		
DigHwTrgSENT CMCFiltKSV M str.SV Uls f32	-18		
	0.2572		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	1 1		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	16.845		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-14		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.59985		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	2.2		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.16375		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(Err		gHw1rqSEN11rim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	194.459		
k_T1T2CMCLPFFc_Hz_f32	9.4204		
k_T1T2SSLPFFc_Hz_f32	6.25		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	41		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum$	tgt_DigHwTrqSENT_Init1_MECCounter_Cr	t_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	16.8449993	16.845 ± 0.000976	•
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.997312129	0.997312145 ± 0.0000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	16.8449993	16.845 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	•
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.913156211	0.913156173 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.980297148	0.980297127 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	✓
Param	0x01	0x01	~
Status	0x00	0x00	•

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓



Test Step 3.9 (Repeat Count = 1)			V
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-18		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.28835		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-18.72		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.631		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-6.5		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1949		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	3.518		
k_T1T2CMCLPFFc_Hz_f32	0.61891		
k_T1T2SSLPFFc_Hz_f32	2.822		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	48		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-18.7199993	-18.72 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.322179377	0.322179396 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-18.7199993	-18.72 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.043245554	0.043245539 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.830196798	0.830196755 ± 0.0000009	•
NTC	0x0C	0x0C	~
Param	0x02	0x02	✓
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x01	0x01	-

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.10 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	14		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.3195		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	12.49		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.66215		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-12.1		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.22605		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(Erro	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	190.94		
k_T1T2CMCLPFFc_Hz_f32	9.87		
k_T1T2SSLPFFc_Hz_f32	0.9888		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	55		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	12.4899998	12.49 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.997973621	0.997973619 ± 0.0000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	12.4899998	12.49 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.909229696	0.90922967 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.462744415	0.462744423 ± 0.0000009	•

DigHwTrqSENT_Init1



Name	Actual Value	Expected Value	Result
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	~
NTC	0xFB	0xFB	✓
Param	0x01	0x01	✓
Ctatus	0,,04	0.01	

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.11 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.35065		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	9.487		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	9.21		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.6933		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	3		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.2572		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	oı tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Di	gHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	204.436		
k_T1T2CMCLPFFc_Hz_f32	2.638		
k_T1T2SSLPFFc_Hz_f32	0.3404		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	62		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum$	tgt_DigHwTrqSENT_Init1_MECCounter_Ci	nt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	9.48700047	9.487 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.809385896	0.809385894 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.48700047	9.487 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.923389316	0.923389301 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.192554414	0.192554427 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	✓

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 3.12 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.3818
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-9.989
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.72445
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	5.2
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.28835
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS

DigHwTrqSENT_Init1



Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	177.968		
k_T1T2CMCLPFFc_Hz_f32	0.578		
k_T1T2SSLPFFc_Hz_f32	3.54		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	69		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cr	t_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-9.98900032	-9.989 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.304530501	0.304530492 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-9.98900032	-9.989 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.893158853	0.89315882 ± 0.0000009	•
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.891851246	0.891851241 ± 0.0000009	✓
NTC	0x0C	0x0C	~
Param	0x02	0x02	✓
Status	0x01	0x01	~
NTC	0xFB	0xFB	✓
Param	0x01	0x01	✓
Status	0x00	0x00	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.13 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	6		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.41295		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	18.63		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-11.02		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.7556		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-15		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.3195		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	11.38		
k_T1T2CMCLPFFc_Hz_f32	8.584		
k_T1T2SSLPFFc_Hz_f32	8.691		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	76		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	18.6299992	18.63 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.995453894	0.995453903 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	18.6299992	18.63 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.133250535	0.133250523 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.995749474	0.99574949 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	-



Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 3.14 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	19		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.4441		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-0.86		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-12		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-18.5		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.35065		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(E	rroi tgt_Rte_Call_Sa_DigHwTrqSENT_N	/M_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	103.922		
k_T1T2CMCLPFFc_Hz_f32	0.403		
k_T1T2SSLPFFc_Hz_f32	3.269		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	83		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCount	ter_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-0.860000014	-0.86 ± 0.000976	✓
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.223697007	0.223696998 ± 0.0000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-0.860000014	-0.86 ± 0.000976	•
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.729077458	0.72907747 ± 0.0000009	•
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.871775627	0.871775581 ± 0.0000009	✓
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.15 (Repeat Count = 1)	√
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-16
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.47525
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	9.684
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-8
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.998132557
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	6
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.3818
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_HwTrqLPFFc_Hz_f32	216.517
k_T1T2CMCLPFFc_Hz_f32	1.499
k_T1T2SSLPFFc_Hz_f32	2.588
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	90
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum

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DigHwTrqSENT_Init1		Ra	Zorcat
Name	Input Value		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	9.68400002	9.684 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.610093951	0.610093954 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.68400002	9.684 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.934180081	0.934180088 ± 0.0000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.803302526	0.803302519 ± 0.0000009	✓
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	~
NTC	0xFB	0xFB	✓

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

0x01

0x01

0x01

0x01

Test Step 3.16 (Repeat Count = 1)			~
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-5		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.5064		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-3.723		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	10.21		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.56786		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	14.3		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.41295		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	198.41		
k_T1T2CMCLPFFc_Hz_f32	7.361		
k_T1T2SSLPFFc_Hz_f32	5.2852		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	97		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cn	t_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-3.72300005	-3.723 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.990196884	0.990196862 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-3.72300005	-3.723 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.91736269	0.917362656 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.963875711	0.963875685 ± 0.0000009	•
NTC	0x0C	0x0C	•
Param	0x02	0x02	~
Status	0x01	0x01	•
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	~

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•





Test Step 3.17 (Repeat Count = 1)			~
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	0		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.53755		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.488		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	16		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.78675		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.4441		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	93.75		
k_T1T2CMCLPFFc_Hz_f32	2.892		
k_T1T2SSLPFFc_Hz_f32	2.8		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	104		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cn	t_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10.4879999	-10.488 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.837503254	0.837503236 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.4879999	-10.488 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.692136049	0.692136029 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.827833295	0.827833266 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x01	0x01	•

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.18 (Repeat Count = 1)			
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	16		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.5687		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	4.708		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	4		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.8179		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.47525		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM	_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	241.4		
k_T1T2CMCLPFFc_Hz_f32	9.26		
k_T1T2SSLPFFc_Hz_f32	3.74		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	111		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter	_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	4.70800018	4.708 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.997027159	0.997027136 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.70800018	4.708 ± 0.000976	-
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	-
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.951854229	0.951854224 ± 0.0000009	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	-
DigHwTrgSENT SSFiltKSV M str.K Uls f32	0.904622376	0.904622379 ± 0.0000009	·

DigHwTrqSENT_Init1



Name	Actual Value	Expected Value	Result
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	•
NTC	0xFB	0xFB	•
Param	0x01	0x01	•
Status	0x01	0x01	•

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.19 (Repeat Count = 1)			V
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-14		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.59985		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	2.596		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-12.01		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.84905		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	15.12		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.5064		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	gHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	218.732		
k_T1T2CMCLPFFc_Hz_f32	2.311		
k_T1T2SSLPFFc_Hz_f32	0.494		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	118		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum$	tgt_DigHwTrqSENT_Init1_MECCounter_Cr	ıt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	2.59599996	2.596 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.765908718	0.765908713 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	2.59599996	2.596 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.935986936	0.93598689 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.266838551	0.266838559 ± 0.0000009	✓
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x01	0x01	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.20 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	13
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.631
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-1.06
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-10
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.8802
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.53755
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus (ErrorStatus) \\$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS

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Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	14.115		
k_T1T2CMCLPFFc_Hz_f32	2.488		
k_T1T2SSLPFFc_Hz_f32	5.306		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	125		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-1.05999994	-1.06 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.790547132	0.790547125 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-1.05999994	-1.06 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.16253376	0.162533756 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.96434474	0.964344723 ± 0.0000009	✓
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	•

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.21 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	6		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.66215		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	6.62		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-17		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.91135		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-11.21		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.5687		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus (ErrorStatus) = 0.0000000000000000000000000000000000$	roi tgt_Rte_Call_Sa_DigHwTrqSENT_NvM	_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	238.33		
k_T1T2CMCLPFFc_Hz_f32	5.567		
k_T1T2SSLPFFc_Hz_f32	2.26		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	132		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum$	tgt_DigHwTrqSENT_Init1_MECCounter	_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	6.61999989	6.62 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.969737589	0.9697376 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	6.61999989	6.62 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.94996053	0.949960526 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.758285999	0.758285954 ± 0.0000009	~
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	✓
NTC	0xFB	0xFB	✓
Param	0x01	0x01	✓
Status	0x00	0x00	~



Т						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓		
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓		

Test Step 3.22 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-11		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.6933		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	11.4		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	15		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.9425		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	11		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(E	roi tgt_Rte_Call_Sa_DigHwTrqSENT_NvN	I_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	91.3686		
k_T1T2CMCLPFFc_Hz_f32	6.816		
k_T1T2SSLPFFc_Hz_f32	9.509		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	139		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter	r_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	11.3999996	11.4 ± 0.000976	✓
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.986193538	0.986193546 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	11.3999996	11.4 ± 0.000976	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.682783842	0.682783791 ± 0.0000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.997457683	0.997457687 ± 0.0000009	✓
NTC	0x0C	0x0C	✓
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.23 (Repeat Count = 1)	√
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-19
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.72445
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-17.328
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	10.01
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.91365
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-5
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132557
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_HwTrqLPFFc_Hz_f32	131.741
k_T1T2CMCLPFFc_Hz_f32	6.674
k_T1T2SSLPFFc_Hz_f32	6.47
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	146
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum

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Name	Input Value		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-17.3279991	-17.328 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.984905124	0.984905093 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-17.3279991	-17.328 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_UIs_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.809004664	0.809004657 ± 0.0000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.982840836	0.982840802 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	✓
Status	0x01	0x01	✓
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	✓

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.24 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	17		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.7556		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-13.553		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-12		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.118		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-1		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.453769		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_D	gHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	192.545		
k_T1T2CMCLPFFc_Hz_f32	1.1023		
k_T1T2SSLPFFc_Hz_f32	8.3		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	153		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_C	nt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-13.5530005	-13.553 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.49972415	0.499724092 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-13.5530005	-13.553 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.911042094	0.91104208 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.994565785	0.994565805 ± 0.0000009	✓
NTC	0x0C	0x0C	~
Param	0x02	0x02	✓
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓





Test Step 3.25 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	0		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.78675		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-20		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-18		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.167		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	2.1		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.59985		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Di	gHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	13.429		
k_T1T2CMCLPFFc_Hz_f32	10		
k_T1T2SSLPFFc_Hz_f32	10		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	160		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cr	nt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.155283153	0.155283145 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	•
Status	0x01	0x01	~

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.26 (Repeat Count = 1)			~
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	7		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.8179		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	20		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	15.01		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.216		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	7		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.631		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatuser. The property of the prop$	(Erroi tgt_Rte_Call_Sa_DigHwTrqSE	NT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSEI	NT	
k_HwTrqLPFFc_Hz_f32	148.707		
k_T1T2CMCLPFFc_Hz_f32	4.208		
k_T1T2SSLPFFc_Hz_f32	3.64		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	167		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enderset and the property of $	um tgt_DigHwTrqSENT_Init1_ME0	CCounter_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20	20 ± 0.000976	✓
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.928921103	0.928921073 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20	20 ± 0.000976	-
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	-
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.845677018	0.84567697 ± 0.0000009	-
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	-

0.898437381

0.898437352 ± 0.0000009

DigHwTrqSENT_Init1



Name	Actual Value	Expected Value	Result
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	✓
NTC	0xFB	0xFB	✓
Param	0x01	0x01	✓
Chabina	0,400	0.400	

Т					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 3.27 (Repeat Count = 1)			V
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-18		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.84905		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	17.02		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	11		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.265		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-19		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.66215		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	117.643		
k_T1T2CMCLPFFc_Hz_f32	3.8208		
k_T1T2SSLPFFc_Hz_f32	5.97		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	174		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum$	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	17.0200005	17.02 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.909343719	0.909343663 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	17.0200005	17.02 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	•
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.771985412	0.771985382 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.976507187	0.976507208 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	✓
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	•
Status	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.28 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.8802
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	0
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	18
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.314
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	6.2
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.6933
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS

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Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	74.839		
k_T1T2CMCLPFFc_Hz_f32	0.4376		
k_T1T2SSLPFFc_Hz_f32	0.887		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	181		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.240391552	0.24039156 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.609549761	0.609549708 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.42725724	0.427257205 ± 0.0000009	✓
NTC	0x0C	0x0C	~
Param	0x02	0x02	•
Status	0x01	0x01	~
NTC	0xFB	0xFB	•
Param	0x01	0x01	~
Status	0x00	0x00	~

Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.29 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	19		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.91135		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-11.21		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	19		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f322	0.363		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	16		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.72445		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	156.296		
k_T1T2CMCLPFFc_Hz_f32	9.7915		
k_T1T2SSLPFFc_Hz_f32	6.978		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	188		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-11.21	-11.21 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.997871161	0.997871166 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-11.21	-11.21	-11.272



T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 3.30 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-12		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.9425		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-5.7907		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-17		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.559		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-7.12		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.7556		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	162.603		
k_T1T2CMCLPFFc_Hz_f32	0		
k_T1T2SSLPFFc_Hz_f32	4.5104		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	195		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cn	t_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-5.79069996	-5.7907 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0	0 ± 0.000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-5.79069996	-5.7907 ± 0.000976	-
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	•
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.870403528	0.870403508 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.94122082	0.94122084 ± 0.0000009	•
NTC	0x0C	0x0C	~
Param	0x02	0x02	•
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.31 (Repeat Count = 1)	→
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	16
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.97365
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	16.508
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	18.2
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.608
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-16
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.78675
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_HwTrqLPFFc_Hz_f32	66.212
k_T1T2CMCLPFFc_Hz_f32	10
k_T1T2SSLPFFc_Hz_f32	10
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	202
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum

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Name	Input Value		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	16.5079994	16.508 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	16.5079994	16.508 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.56484133	0.564841319 ± 0.0000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	✓
Status	0x01	0x01	✓
NTC	0xFB	0xFB	~
Param	0x01	0x01	✓
Status	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

T (0) 000 (D (0) (4)			
Test Step 3.32 (Repeat Count = 1)			~
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-2		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.118		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-0.2932		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-13		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.657		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-3.25		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.8179		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	gHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	70.1148		
k_T1T2CMCLPFFc_Hz_f32	9.99		
k_T1T2SSLPFFc_Hz_f32	1.26		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	209		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-0.293199986	-0.2932 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.998120785	0.998120787 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-0.293199986	-0.2932 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.585668385	0.58566836 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.546917677	0.546917635 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	✓
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	~

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓



Test Step 3.33 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.167		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.489		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-4.2		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.6933		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	11		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.84905		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	208.2802		
k_T1T2CMCLPFFc_Hz_f32	2.76		
k_T1T2SSLPFFc_Hz_f32	10		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	216		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10.4890003	-10.489 ± 0.000976	✓
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.823451459	0.82345141 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.4890003	-10.489 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.927002192	0.927002215 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	✓
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	-

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.34 (Repeat Count = 1)			4
Name	Input Value		·
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.216		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	14.84		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	6		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.72445		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-6		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.8802		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(Erro	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	206.975		
k_T1T2CMCLPFFc_Hz_f32	6.094		
k_T1T2SSLPFFc_Hz_f32	6.822		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	223		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	14.8400002	14.84 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.978268087	0.97826808 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	14.8400002	14.84 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.925795078	0.92579506 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.986245513	0.986245497 ± 0.0000009	~

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Name	Actual Value	Expected Value	Result
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.35 (Repeat Count = 1)			
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	11.02		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.265		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-17.189		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-6		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.7556		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-4.2		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.91135		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)	oı tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	147.879		
k_T1T2CMCLPFFc_Hz_f32	0.48		
k_T1T2SSLPFFc_Hz_f32	3.824		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	230		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum$	n tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-17.1889992	-17.189 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.260360897	0.260360885 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-17.1889992	-17.189 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.844062924	0.844062863 ± 0.0000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.909525752	0.909525756 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	•
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x01	0x01	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.36 (Repeat Count = 1)	→
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	0
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.314
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-14.541
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-11
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.78675
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	10
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.9425
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS

DigHwTrqSENT_Init1

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Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	247.509		
k_T1T2CMCLPFFc_Hz_f32	8.95		
k_T1T2SSLPFFc_Hz_f32	1.641		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	237		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-14.5410004	-14.541 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.996387839	0.996387845 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-14.5410004	-14.541 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.955411971	0.955411969 ± 0.0000009	•
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.643375158	0.643375085 ± 0.0000009	✓
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	✓
NTC	0xFB	0xFB	~
Param	0x01	0x01	•
Status	0x01	0x01	~

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.37 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-4.21		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.363		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	19.53		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-6		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.8179		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-3.1		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.97365		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(Error	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	228.65		
k_T1T2CMCLPFFc_Hz_f32	5.1694		
k_T1T2SSLPFFc_Hz_f32	5.279		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	244		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	t_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	19.5300007	19.53 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.961149335	0.961149324 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	19.5300007	19.53 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_UIs_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.943487942	0.943487908 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.963734686	0.963734686 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
	0x00	0x00	



T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 3.38 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-6		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	14.19		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	8		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.84905		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	9		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.118		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(Fig. 1)	Erroi tgt_Rte_Call_Sa_DigHwTrqSENT	_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	56.9433		
k_T1T2CMCLPFFc_Hz_f32	6.002		
k_T1T2SSLPFFc_Hz_f32	2.4		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	251		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enu	m tgt_DigHwTrqSENT_Init1_MECC	ounter_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	14.1899996	14.19 ± 0.000976	✓
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.976974845	0.976974842 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	14.1899996	14.19 ± 0.000976	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.511086941	0.511086947 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.778639913	0.778639896 ± 0.0000009	✓
NTC	0x0C	0x0C	✓
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.39 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	15
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.998132557
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	13.76
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	2.1
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.8802
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.167
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus (ErrorStatus) = 0.0000000000000000000000000000000000$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_HwTrqLPFFc_Hz_f32	174.4739
k_T1T2CMCLPFFc_Hz_f32	4.1427
k_T1T2SSLPFFc_Hz_f32	10
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	195
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum

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DigHwTrqSENT_Init1

Name	Input Value		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	13.7600002	13.76 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.925944149	0.925944108 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	13.7600002	13.76 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.888363123	0.888363106 ± 0.0000009	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132586	0.998132557 ± 0.0000009	✓
NTC	0x0C	0x0C	✓
Param	0x02	0x02	✓
Status	0x01	0x01	~
NTC	0xFB	0xFB	✓
Param	0x01	0x01	✓
Status	0x00	0x00	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

T (0) 0 (0 /D (0 / 1)			
Test Step 3.40 (Repeat Count = 1)			•
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	15		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.36574		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	20		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-3.2		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.91135		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-13		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.216		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus (ErrorStatus) \\$	or tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Di	gHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	245.98		
k_T1T2CMCLPFFc_Hz_f32	1.6177		
k_T1T2SSLPFFc_Hz_f32	1.434		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	202		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cr	nt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20	20 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.638115764	0.638115756 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20	20 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.954546988	0.954546972 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.593840241	0.59384027 ± 0.0000009	✓
NTC	0x0C	0x0C	~
Param	0x02	0x02	•
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	•

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓





Test Step 3.41 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-3		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.559		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.19		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-12		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.9425		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-9		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.265		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	61.22		
k_T1T2CMCLPFFc_Hz_f32	8.064		
k_T1T2SSLPFFc_Hz_f32	0.317		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	209		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10.1899996	-10.19 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.993697226	0.993697196 ± 0.0000009	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.1899996	-10.19 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.536668897	0.536668829 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.18059516	0.180595133 ± 0.0000009	✓
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x01	0x01	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.42 (Repeat Count = 1)			*
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	4		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.608		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	7.174		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-18		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.91365		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-17.12		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.314		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM	_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	134.002143		
k_T1T2CMCLPFFc_Hz_f32	2.4234		
k_T1T2SSLPFFc_Hz_f32	3.79		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	216		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_	_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Resul
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	7.17399979	7.174 ± 0.000976	•
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.781870663	0.781870668 ± 0.0000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	7.17399979	7.174 ± 0.000976	•
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	•
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.814355314	0.81435529 ± 0.0000009	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.90757221	0.907572177 ± 0.0000009	

DigHwTrqSENT_Init1

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Name	Actual Value	Expected Value	Result
NTC	0x0C	0x0C	~
Param	0x02	0x02	•
Status	0x01	0x01	•
NTC	0xFB	0xFB	~
Param	0x01	0x01	•
Status	0x00	0x00	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.43 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-13		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.657		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	5.67		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	2		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.657		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.363		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(Enterpresent the context of t$	rroi tgt_Rte_Call_Sa_DigHwTrqSENT_	_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	26.6987		
k_T1T2CMCLPFFc_Hz_f32	2.31		
k_T1T2SSLPFFc_Hz_f32	6.024		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	223		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum_terms_{total} = tgt_Rte_Init1_MECCounter_Cnt_enum_terms_{total} = tgt_Rte_In$	n tgt_DigHwTrqSENT_Init1_MECCo	unter_Cnt_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	5.67000008	5.67 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.765761614	0.765761583 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	5.67000008	5.67 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.28502363	0.285023611 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.977290928	0.977290929 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	✓
Status	0x00	0x00	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.44 (Repeat Count = 1)	→
Name	Input Value
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-3
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.559
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.19
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	-19
DigHwTrqSENT_DigHwTrqKSV_M_str.K_UIs_f32	0.9425
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-9.02
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.265
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS

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DigHwTrqSENT_Init1

Name	Innut Value		
	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	61.22		
k_T1T2CMCLPFFc_Hz_f32	8.064		
k_T1T2SSLPFFc_Hz_f32	0.317		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10.1899996	-10.19 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.993697226	0.993697196 ± 0.0000009	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.1899996	-10.19 ± 0.000976	•
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.536668897	0.536668829 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.18059516	0.180595133 ± 0.0000009	~
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x00	0x00	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x01	0x01	~

Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.45 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	4		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.608		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	7.174		
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	8		
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.91365		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-17		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.314		
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(Erro	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	HwTrqSENTTrim_Srv_GetErrorS	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_HwTrqLPFFc_Hz_f32	134.002143		
k_T1T2CMCLPFFc_Hz_f32	2.4234		
k_T1T2SSLPFFc_Hz_f32	3.79		
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	1		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	255		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt	_enum	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	7.17399979	7.174 ± 0.000976	~
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.781870663	0.781870668 ± 0.0000009	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	7.17399979	7.174 ± 0.000976	~
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	~
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.814355314	0.81435529 ± 0.0000009	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.90757221	0.907572177 ± 0.0000009	•
NTC	0x0C	0x0C	~
Param	0x02	0x02	~
Status	0x01	0x01	~
NTC	0xFB	0xFB	~
Param	0x01	0x01	~
Status	0x00	0x00	~



DigHwTrqSENT_Init1

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.46 (Repeat Count = 1)			✓	
Name	Input Value			
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-13			
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.657			
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	5.67			
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	13			
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.657			
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	20			
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.363			
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus(ErrorStatus)$	tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_Dig	gHwTrqSENTTrim_Srv_GetErrorS		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT			
k_HwTrqLPFFc_Hz_f32	26.6987			
k_T1T2CMCLPFFc_Hz_f32	2.31			
k_T1T2SSLPFFc_Hz_f32	6.024			
tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum.value	2			
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1			
tgt_Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorS	125			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Init1_MECCounter_Cnt_enum	tgt_DigHwTrqSENT_Init1_MECCounter_Cnt_enum			
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim			
Name	Actual Value	Expected Value	Result	
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	5.67000008	5.67 ± 0.000976	~	
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.765761614	0.765761583 ± 0.0000009	✓	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	5.67000008	5.67 ± 0.000976	-	
DigHwTrqSENT_DigHwTrqKSV_M_str.SV_Uls_f32	0	0 ± 0.00048828125	✓	
DigHwTrqSENT_DigHwTrqKSV_M_str.K_Uls_f32	0.28502363	0.285023611 ± 0.0000009	~	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0	0 ± 0.000976	✓	
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0	0 ± 0.000976	~	
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.977290928	0.977290929 ± 0.0000009	•	
NTC	0x0C	0x0C	~	
Param	0x02	0x02	~	
Status	0x01	0x01	•	
NTC	0xFB	0xFB	~	
Param	0x01	0x01	•	
Status	0x00	0x00	~	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorSta	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_GetErrorStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

DigHwTrqSENT_SCom_SetTrqTrim

2014-08-22, 16:56:25+0530



Project CBD_DigHwTrqSENT

Module DigHwTrqSENT

Test Object DigHwTrqSENT_SCom_SetTrqTrim

Instrumentation: Test Object and Called Functions

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

Statistics

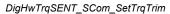
Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_DigHwTrqSENT
Configuration File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\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)\DigHwTrqSENT\src\Sa_DigHwTrqSENT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\tinclude
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\include

Comments/Description/Spe	ecification
Name	Text

2014-08-22, 16:56:25+0530





Module 'DigHwTrqSENT'

Name of Tester:Ankita Bhardwaj

Name of Tester:Ankita Bhardwaj
Code File(s) Under Test:Sa_DigHwTrqSENT.c
Code File(s) Version:8
Module Design Document:DigHwTrqSENT_MDD.docx
Module Design Document Version:11
Data Dictionary Version:8
Unit Test Plan Version:5
Optimization Level:Level 2
Compiler (CodeGen) Version:TMS570_4.9.5
Model Type:Excel Macro
Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.30
Total FLASH Used (Bytes):1638
Total RAM Used (Bytes):1638
Total CALS Used (Bytes):108
Special Test Requirements:
Test Date:8/22/2014
Comments:"NOTE1: Inline functions declared in GlobalMacro.h are

Comments:"NOTE1: Inline functions declared in GlobalMacro.h are not Unit Tested.

NOTE2:""CBD_Sandbox_dbg.map"" map file is embedded for reference.

NOTE3: Low MC/DC coverage in function ""DigHwTrqSENT_SCom_ClrTrqTrim"" as the path ""if(D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc)"" at line number 1210 of source code cannot be made FALSE which has been called in function ""TrimNotPerfDiag"" as ""Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc "" gets updated with const ""D_TRIMNOTPERFORMED_CNT_LGC""having value FALSE always."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\src</pre>
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

TS1.1 2248.00 Cycles TS1.2 2508.00 Cycles

Description Vector Description:

TS1.1 "Shortest Execution Path:

if(k_MaxHwTrqTrim_HwNm_f32 < Abs_f32_m(HwTrqTrim_HwNm_T_f32))=> TRUE"
TS1.2 "Longest Execution Path:
if(k_MaxHwTrqTrim_HwNm_f32 < Abs_f32_m(HwTrqTrim_HwNm_T_f32))=> FALSE"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	unter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hwf	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hwf	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	5.42700005		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.46999979		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-8.11200047		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	6.8895998		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	34	34	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.46999979	6.46999979 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hwl	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hwl	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	10		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-10		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	-10		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	•
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	•
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~



Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	✓
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	✓
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Case 2: Boundary Test Specification Performance Metrics: (With "None" instrumentation and WithPS Environment) CPU Cycles: TS2.1 2509.00 Cycles TS2.2 2510.00 Cycles TS2.3 2510.00 Cycles TS2.3 2510.00 Cycles TS2.4 2510.00 Cycles TS2.5 2510.00 Cycles TS2.6 2510.00 Cycles TS2.7 2510.00 Cycles TS2.8 2510.00 Cycles TS2.9 2510.00 Cycles TS2.11 2250.00 Cycles TS2.11 2508.00 Cycles TS2.12 2510.00 Cycles TS2.12 2510.00 Cycles TS2.13 2250.00 Cycles TS2.14 2508.00 Cycles TS2.15 2510.00 Cycles TS2.15 2510.00 Cycles TS2.16 2247.00 Cycles TS2.17 2510.00 Cycles TS2.17 2510.00 Cycles TS2.17 2510.00 Cycles

TS2.14 2508.00 Cycles TS2.15 2510.00 Cycles TS2.16 2247.00 Cycles TS2.17 2510.00 Cycles TS2.18 2510.00 Cycles

Description Vector Description:

TC2.1All Min TC2.2All Max
TC2.3MECCounter_Cnt_enum = ProductionMode
TC2.4MECCounter_Cnt_enum = EngineeringMode
TC2.5MECCounter_Cnt_enum = ManufacturingMode
TC2.6T1_HwNm_f32 = Min
TC2.7T1_HwNm_f32 = Max
TC2.8T1_HwNm_f32 = Zero
TC2.9T1_HwNm_f32 = Neg
TC2.10T1_HwNm_f32 = Neg
TC2.11T2_HwNm_f32 = Min
TC2.12T2_HwNm_f32 = Max
TC2.13T2_HwNm_f32 = Zero
TC3.14T2_HwNm_f32 = Zero TC2.2All Max TC2.14T2_HwNm_f32 = Pos TC2.14T2_HwNm_f32 = Pos TC2.15T2_HwNm_f32 = Neg TC2.16k_MaxHwTrqTrim_HwNm_f32 = Min TC2.17k_MaxHwTrqTrim_HwNm_f32 = Max

TC2.18k_MaxHwTrqTrim_HwNm_f32 = Pos

Test Step 2.1 (Repeat Count = 1)			✓.
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hw	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hw	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-10		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-10		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	-10		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~

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 $tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc$



T .				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.2 (Repeat Count = 1)			V
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hw	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hw	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	20		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	10		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	10		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	10		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	•
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hwl	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hwl	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	20		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.69999981		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-0.677999973		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	6.46999979		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-3.57399988	-3.57399988 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hw	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hw	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	19.5939999		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	4.62099981		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-4.26800013		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	-8.94400024		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	2.33800006	2.33800006 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	~
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hwf	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hwf	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	20		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-8.93999958		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	1		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	8.32299995		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	0.878000021		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	3.72249985	3.72250009 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~



T .					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•	
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hw	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hw	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	17.6310005		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0.878000021		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-10		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	5.89699984		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-7.94849968	-7.94850016 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	~
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hwf	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hwf	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	8.59000015		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	5.88999987		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	10		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	6.81406021		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	1.59296989	1.59297001 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~



Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.8 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hw	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hw	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	16.8999996		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.81400013		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	0		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	-3.17000008		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	1.58500004	1.58500004 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	✓

Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hwl	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hwl	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	20		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-3.17000008		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	4.61000013		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	10		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-2.69499993	-2.69499993 ± 0.00048828125	- −
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	•



Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	~
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hwl	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hwl	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	5.42700005		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.46999979		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-8.11200047		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	6.8895998		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	34	34	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.46999979	6.46999979 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	✓

T and the second se				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	✓
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECC	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hv	/Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hv	/Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	3.66400003		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-8.94400024		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-9.35000038		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	-10		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	-
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0.324999809	0.324999988 ± 0.00048828125	•
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	•



Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•	
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 2.12 (Repeat Count = 1)			V
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MEC	Counter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_H	wNm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_H	wNm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	14.5		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0.870000005		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-3.22199988		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	10		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	•
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-6.61100006	-6.61100006 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	•

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	•
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.13 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hwl	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hwl	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	0.356900007		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	5.89699984		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	6.59200001		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	0		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	34	34	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	5.89699984	5.89699984 ± 0.00048828125	✓
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~



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Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~		
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	~		
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~		
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~		

Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCor	unter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwN	lm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwN	lm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	7.12606001		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.80999994		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	1		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-3.75		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	4.61000013		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-4.18000031	-4.17999983 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~

Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	✓
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.15 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECC	Counter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hv	wNm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hv	wNm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	14.5498896		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-3.0999999		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-5.05000019		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	-8.11200047		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	•
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	1.53100014	1.53100002 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	•



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Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	•	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•	
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~	

Test Step 2.16 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECC	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hw	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hw	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	5.88999987		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	0.0899000019		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	10		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	34	34	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	5.88999987	5.88999987 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	✓
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~



T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.18 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECC	counter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hv	vNm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hv	vNm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	6.10200024		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-3.17059994		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-2.83999991		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	4.62099981		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	-
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-3.73049974	-3.73049998 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	✓

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	✓
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Case 3: Path Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TS3.1 2249.00 Cycles TS3.2 2508.00 Cycles TS3.3 2248.00 Cycles

Description

Vector Description:

TS3.1 (k_MaxHwTrqTrim_HwNm_f32 < Abs_m(HwTrqTrim_HwNm_T_f32)) ==> TRUE
TS3.2 (k_MaxHwTrqTrim_HwNm_f32 < Abs_m(HwTrqTrim_HwNm_T_f32)) ==> FALSE
TS3.3 MC/DC Covrage:((D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()>k_EOLHwTrqTrimPerformed_Cnt_Lgc)==>True && (D_MFGMODE_CNT_ENUM != MECCounter_Cnt_T_enum)==>False)

Test Step 3.1 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT	
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	5.42700005	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.46999979	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim	
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2	
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-8.11200047	

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Name	Input Value		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	6.8895998		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	34	34	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.46999979	6.46999979 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	•
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MEC	Counter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_H	wNm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_H	wNm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	20		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-8.93999958		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	1		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	8.32299995		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	0.878000021		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	0	0	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	3.72249985	3.72250009 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	~
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T1_Hw	Nm_f32_data	
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_T2_Hw	Nm_f32_data	
k_MaxHwTrqTrim_HwNm_f32	5.42700005		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.46999979		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	ata 1		
tgt_Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32_data	-8.11200047		
tgt_Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32_data	6.8895998		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_SetTrqTrim()	34	34	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	6.46999979	6.46999979 ± 0.00048828125	~

DigHwTrqSENT_SCom_SetTrqTrim

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Name	Actual Value	Expected Value	Result
tat Pim DiaTraTrim k FOLHwTraTrimPerformed Cnt Lac	0	0	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T1_HwNm_f32	1	~
Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	Rte_Read_Sa_DigHwTrqSENT_T2_HwNm_f32	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

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 Project
 CBD_DigHwTrqSENT

 Module
 DigHwTrqSENT

 Test Object
 TrimNotPerfDiag

Instrumentation: Test Object and Called Functions

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC 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\CBD_DigHwTrqSENT
Configuration File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\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)\DigHwTrqSENT\src\Sa_DigHwTrqSENT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\include

Comments/Description/Spe	ecification
Name	Text



Module 'DigHwTrqSENT'

Name of Tester:Ankita Bhardwaj

Name of Tester:Ankita Bhardwaj
Code File(s) Under Test:Sa_DigHwTrqSENT.c
Code File(s) Version:8
Module Design Document:DigHwTrqSENT_MDD.docx
Module Design Document Version:11
Data Dictionary Version:8
Unit Test Plan Version:5
Optimization Level:Level 2
Compiler (CodeGen) Version:TMS570_4.9.5
Model Type:Excel Macro
Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.30
Total FLASH Used (Bytes):1638
Total RAM Used (Bytes):1638
Total CALS Used (Bytes):108
Special Test Requirements:
Test Date:8/22/2014
Comments:"NOTE1: Inline functions declared in GlobalMacro.h are

Comments: NOTE1: Inline functions declared in GlobalMacro.h are not Unit Tested.

NOTE2:""CBD_Sandbox_dbg.map"" map file is embedded for reference.

NOTE3: Low MC/DC coverage in function ""DigHwTrqSENT_SCom_ClrTrqTrim"" as the path ""if(D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc) "" at line number 1210 of source code cannot be made FALSE which has been called in function ""TrimNotPerfDiag"" as ""Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc "" gets updated with const ""D_TRIMNOTPERFORMED_CNT_LGC""having value FALSE always."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\src</pre>
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TS1.1 1459.00 Cycles TS1.2 1209.00 Cycles

Description Vector Description:

TS1.1 "Shortest Execution Path:
if((D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc) && (D_MFGMODE_CNT_ENUM!
= MECCounter_Cnt_T_enum))=TRUE"
TS1.2 "Longest Execution Path:
if((D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc) &&
(D_MFGMODE_CNT_ENUM!= MECCounter_Cnt_T_enum))=FALSE"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
MECCounter_Cnt_T_enum	0		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 1.2 (Repeat Count = 1)			
Name	Input Value		
MECCounter_Cnt_T_enum	1		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~



Test Case 2: Boundary Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TS2.1 1459.00 Cycles TS2.2 1209.00 Cycles TS2.3 1459.00 Cycles TS2.4 1459.00 Cycles TS2.5 1209.00 Cycles TS2.6 1459.00 Cycles TS2.7 1209.00 Cycles

Description Vector Description:

TS2.1 MECCounter_Cnt_enum = ProductionMode

TS2.1 MECCounter_Cnt_enum = ProductionMode
TS2.2 MECCounter_Cnt_enum = EngineeringMode
TS2.3 MECCounter_Cnt_enum = ManufacturingMode
TS2.4 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc = Min
TS2.5 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc = Max
TS2.6 All Min
TS2.7 All Max

Test Step 2.1 (Repeat Count = 1)			
Name	Input Value		
MECCounter_Cnt_T_enum	0		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 2.2 (Repeat Count = 1)			
Name	Input Value		
MECCounter_Cnt_T_enum	2		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte Call Sa DigHwTrgSENT NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	0	0	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 2.3 (Repeat Count = 1)			
Name	Input Value		
MECCounter_Cnt_T_enum	1		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~



T (0) 04/D (0)			
Test Step 2.4 (Repeat Count = 1)			~
Name	Input Value		
MECCounter_Cnt_T_enum	2		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~	

Test Step 2.5 (Repeat Count = 1)			
Name	Input Value		
MECCounter_Cnt_T_enum	1		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 2.6 (Repeat Count = 1)			~
Name	Input Value		
MECCounter_Cnt_T_enum	0		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
MECCounter_Cnt_T_enum	2		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~



Test Case 3: Path Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

TS3.1 1459.00 Cycles TS3.2 1209.00 Cycles

Description

Vector Description:

 $TS3.1 \quad ((D_TRIMNOTPERFORMED_CNT_LGC = Rte_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc) \ And \ (D_MFGMODE_CNT_ENUM <> MECCounter_Cnt_T_enum)) ==> TRUE \\ TS3.2 \quad ((D_TRIMNOTPERFORMED_CNT_LGC = Rte_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc) \ And \ (D_MFGMODE_CNT_ENUM <> MECCounter_Cnt_T_enum)) ==> FALSE$

Test Step 3.1 (Repeat Count = 1)			V
Name	Input Value		
MECCounter_Cnt_T_enum	2		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
MECCounter_Cnt_T_enum	1		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~

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DigHwTrqSENT_Per2



 Project
 CBD_DigHwTrqSENT

 Module
 DigHwTrqSENT

 Test Object
 DigHwTrqSENT_Per2

Instrumentation: Test Object and Called Functions

Statement (C0) Coverage	39.66 %
Decision Coverage	35 %
Branch (C1) Coverage	35 %
MCC Coverage	37.34 %
MC/DC Coverage	37.34 %

Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_DigHwTrqSENT
Configuration File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\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)\DigHwTrqSENT\src\Sa_DigHwTrqSENT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -\\$(PROJECTROOT)\DigHwTrqSENT\utp\\contract -\\$(PROJECTROOT)\NxtrLib\include -\\$(PROJECTROOT)\StdDef\include -\\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -\\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -\\$(PROJECTROOT)\DigHwTrqSENT\utp\\contract -\\$(PROJECTROOT)\NxtrLib\include -\\$(PROJECTROOT)\StdDef\include -\\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -\\$(Compiler Install Path)\include

Comments/Description/Spe	ecification
Name	Text

2014-08-22, 16:49:58+0530

DigHwTrqSENT_Per2



Module 'DigHwTrqSENT'

Name of Tester:Ankita Bhardwaj

Name of Tester:Ankita Bhardwaj
Code File(s) Under Test:Sa_DigHwTrqSENT.c
Code File(s) Version:8
Module Design Document:DigHwTrqSENT_MDD.docx
Module Design Document Version:11
Data Dictionary Version:8
Unit Test Plan Version:5
Optimization Level:Level 2
Compiler (CodeGen) Version:TMS570_4.9.5
Model Type:Excel Macro
Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.30
Total FLASH Used (Bytes):1638
Total RAM Used (Bytes):1638
Total CALS Used (Bytes):108
Special Test Requirements:
Test Date:8/22/2014
Comments:"NOTE1: Inline functions declared in GlobalMacro.h are

Comments: NOTE1: Inline functions declared in GlobalMacro.h are not Unit Tested.

NOTE2:""CBD_Sandbox_dbg.map"" map file is embedded for reference.

NOTE3: Low MC/DC coverage in function ""DigHwTrqSENT_SCom_ClrTrqTrim"" as the path ""if(D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc) "" at line number 1210 of source code cannot be made FALSE which has been called in function ""TrimNotPerfDiag"" as ""Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc "" gets updated with const ""D_TRIMNOTPERFORMED_CNT_LGC""having value FALSE always."

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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>			
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl			
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>			
Time Unit	Cycles			
Timer Enabled	false			
Timer Prescale	0			
Timer Resolution	1			
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg			
Workspace File	D:\Synergy Work Area\CBD DigHwTrgSENT\UnitTestEnv\config\UDE TMS570 DEBUG.WSP			



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles: TC.1.1 1713.00 Cycles TC.1.2 1725.00 Cycles

Description Vector Decsription:

 $\label{thm:continuity} TC1.1"Shortest Execution Path:((TmpTrqSum_HwNm_T_f32)>=(-k_T1vsT2TrqSum_HwNm_f32))=>True \\ ((DigHwTrqSENT_CMCFiltOut_HwNm_M_f32)>=(-k_CMCLPFOutLim_HwNm_f32))=>True \\ DigHwTrqSENT_TrqSum_HwNm_M_f32 = Limit_m(TmpTrqSum_HwNm_T_f32, -k_T1vsT2TrqSum_HwNm_f32, -k_T1vsT2TrqSum_HwNm_f32$

((DigHwTrqSENT_CMCFitCut_HwNm_M_f32)==(-k_CMCLPFOutLim_HwNm_f32))=>True
DigHwTrqSENT_TrqSum_HwNm_M_f32 = Limit_m(TmpTrqSum_HwNm_T_f32, -k_T1vsT2TrqSum_HwNm_f32,
k_T1vsT2TrqSum_HwNm_f32)=TRUE
CorrDiagFitCut_HwNm_T_f32 = Limit_m(DigHwTrqSENT_CMCFitCut_HwNm_M_f32, -k_CMCLPFOutLim_HwNm_f32,
k_CMCLPFOutLim_HwNm_f32)=TRUE
if ((AbsSSFitCut_HwNm_T_f32 >= k_T1T2TslsLim_HwNm_f32))=TRUE
if ((If1vsT2Status_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) ||
((If1vsT2Status_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) ||
((If1vsT2Status_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) ||
((PriSnsrTrqStorStatus_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) ||
((PriSnsrTrqStorStatus_Cnt_T_u08) p=TRUE"
TC1.2"Longest Execution Path=> DigHwTrqSENT_TrqSum_HwNm_f32 = Limit_m(TmpTrqSum_HwNm_T_f32, -k_T1vsT2TrqSum_HwNm_f32, k_T1vsT2TrqSum_HwNm_f32, k_T1vsT2TrqSum_HwNm_f32, k_T1vsT2TrqSum_HwNm_f32) =FALSE

CorrDiagFitCout_HwNm_Tf32 = Limit_m(DigHwTrqSENT_CMCFitCout_HwNm_M_f32, -k_CMCLPFOutLim_HwNm_f32) == k_T11T2SSLim_HwNm_f32)
|| (AbsSumFitCout_HwNm_Tf32) == k_T11T2SSLim_HwNm_f32) = FALSE

if ((If1vsT2Status_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) ||
((TrqSensorNotTrimmedStatus_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) ||
((PriSnsrTrqStorStatus_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDANDFAILEDANDFAILEDANDFAILEDANDFAILEDANDFAILEDTHISOPCYCLE_CNT_U08) ||

Test Step 1.1 (Repeat Count = 1)	🗸 🗸 - The state of the state
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	6.03520012
DigHwTrqSENT_HwTrq_HwNm_M_f32	3.81839991
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	10.2729998
DigHwTrqSENT_T1_HwNm_M_f32	5.88800001
DigHwTrqSENT_T2_HwNm_M_f32	-2.90300012
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	10.2729998
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.308800012
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	3.50769997
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.740999997
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	4.15700006
k_T1T2SSLim_HwNm_f32	3.17079997
k_T1T2TransFltLim_HwNm_f32	2.45280004
k_T1vsT2TrqSum_HwNm_f32	0.230000004
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	0
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	0

 $DigHwTrqSENT_TrqSum_HwNm_M_f32$

Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)$

tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value$

Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)

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0.230000004 ± 0.000976

3.81839991 ± 0.0024414

101

1

0

DigHwTrqSENT_Per2 Input Value t_T1T2IndTrsTimecon_HwNm_u5p11[11] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[12] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[13] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[14] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[15] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[16] 0 tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg_tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc $tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 \\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 \\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_DigHwTrqSENT_Per2_SrlComHwTrq_DigHwTrqSENT_Per2_SrlComHwTrq_DigHwTrqSENT_Per2_SrlComHwTrq_DigHw$ Name Actual Value **Expected Value** Result DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32 4.39192629 4.39192724 ± 0.000976 0.58558929 0.58558929 ± 0.0000009 $DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32$ DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32 4.39192629 4.39192724 ± 0.000976

0.230000004

3.81839991

101

1

0

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

Test Step 1.2 (Repeat Count = 1)	√
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-3
DigHwTrqSENT_HwTrq_HwNm_M_f32	-9.39120007
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-4
DigHwTrqSENT_T1_HwNm_M_f32	10
DigHwTrqSENT_T2_HwNm_M_f32	0.617999971
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.60800004
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.144700006
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.9209995
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.7329998
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	11.9969997
k_T1T2SSLim_HwNm_f32	7.77159977
k_T1T2TransFltLim_HwNm_f32	5.97359991
k_T1vsT2TrqSum_HwNm_f32	13.6700001
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957

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DigHwTrqSENT_Per2

Name	Input Value		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lo	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVal	id_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_Hv	wNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-1.01761389	-1.01761353 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.290499747	0.290499777 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-1.01761389	-1.01761353 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	5.30900002	5.30900002 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	•
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	1	1	•
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	-9.39120007	-9.39120007 ± 0.0024414	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~



Test Case 2: Path Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cvcles:

TC2.1 1719.00 Cycles TC2.2 1716.00 TC2.3 1725.00 TC2.4 1721.00 TC2.5 1719.00 Cycles Cycles

Cycles Cycles

TC2.6 1709.00 TC2.7 1705.00 Cvcles Cycles

Description

Vector Description:

 $TC2.1"((AbsSSFiltOut_HwNm_T_f32 >= k_T1T2SSLim_HwNm_f32) = FALSE (AbsSumFiltOut_HwNm_T_f32 >= k_T1T2SSLim_HwNm_T_f32 >= k_T1T2SSLim_HwNm_T_f32 >= k_T1T2SSLim HwNm_T_f32 >= k_T1T2S$

TC2.1"((AbsSSFiltOut_HwNm_T_j32 >= k_T1T2SSLim_HwNm_f32)=FALSE (AbsSumFiltOut_HwNm_T_j32 >= k_T1T2TransFiltLim_HwNm_f32) = TRUE,(((T1vST2Status_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08)=FALSE ||

((TrqSensorNotTrimmedStatus_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08, ||

((PriSnsrTrqStorStatus_Cnt_T_u08& D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08, ||

TC2.2"((AbsSSFiltOut_HwNm_T_j32 >= k_T1T2SSLim_HwNm_f32)=FALSE (AbsSumFiltOut_HwNm_T_j32 >= k_T1T2TransFiltLim_HwNm_f32) ||

FAILEDANDFAILEDTHISOPCYCLE_CNT_U08, ||

TC3.2"((AbsSSFiltOut_HwNm_J32) = FALSE, ((T1vST2Status_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08, ||

TC3.2"((TroSensorMotTrimmedStatus_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08, ||

((TrqSensorNotTrimmedStatus_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08)=FALSE ||
((PriSnsrTrqStorStatus_Cnt_T_u08& D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) ==

D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08))=FALSE"

((Prishsrirgstorstatus_Cnt_I_u08& D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08))=FALSE"
TC2.3((AbsSSFitIOut_HwNm_T_f32 >= k_T1T2SSLim_HwNm_f32)=TRUE (AbsSumFitIOut_HwNm_T_f32 >= k_T172TransFitLim_HwNm_f32)),
TC2.4DigHwTrqSENT_TrqSum_HwNm_M_f32 = Limit_m(TmpTrqSum_HwNm_T_f32, -k_T1vsT2TrqSum_HwNm_f32),
k_T1vsT2TrqSum_HwNm_f32) = FALSE,CorrDiagFitIOut_HwNm_T_f32 = Limit_m(DigHwTrqSENT_CMCFitIOut_HwNm_M_f32, -k_CMCLPFOutLim_HwNm_f32, k_CMCLPFOutLim_HwNm_f32 = LALSE
TC2.5"(((T1vsT2Status_Cnt_T_u08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08) == D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08 & D_FAILEDANDFAILEDTHISOPCYCLE_CNT_U08 & D_FAILEDANDFAILEDTHISOPCYCL

Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	8.79520035
DigHwTrqSENT_HwTrq_HwNm_M_f32	5.88240004
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	2.86500001
DigHwTrqSENT_T1_HwNm_M_f32	-0.00270000007
DigHwTrqSENT_T2_HwNm_M_f32	-7.47300005
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-11
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.422800004
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	5.39870024
DigHwTrqSENT_TrqSum_HwNm_M_f32	6.05100012
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
C_CMCLPFOutLim_HwNm_f32	6.39699984
c_T1T2SSLim_HwNm_f32	4.87480021
c_T1T2TransFltLim_HwNm_f32	3.75679994
c_T1vsT2TrqSum_HwNm_f32	4.42999983
_T1T2DepTrsTimecon_Hz_u6p10[0]	2028
_T1T2DepTrsTimecon_Hz_u6p10[1]	4055
_T1T2DepTrsTimecon_Hz_u6p10[2]	6083
_T1T2DepTrsTimecon_Hz_u6p10[3]	8110
_T1T2DepTrsTimecon_Hz_u6p10[4]	10138
_T1T2DepTrsTimecon_Hz_u6p10[5]	12165
_T1T2DepTrsTimecon_Hz_u6p10[6]	14193
_T1T2DepTrsTimecon_Hz_u6p10[7]	16220
_T1T2DepTrsTimecon_Hz_u6p10[8]	18248
_T1T2DepTrsTimecon_Hz_u6p10[9]	20275
_T1T2DepTrsTimecon_Hz_u6p10[10]	22303
_T1T2DepTrsTimecon_Hz_u6p10[11]	24330
_T1T2DepTrsTimecon_Hz_u6p10[12]	26358
_T1T2DepTrsTimecon_Hz_u6p10[13]	28385
_T1T2DepTrsTimecon_Hz_u6p10[14]	30413
_T1T2DepTrsTimecon_Hz_u6p10[15]	32440
_T1T2DepTrsTimecon_Hz_u6p10[16]	34468
_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205

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DigHwTrqSENT_Per2

Name	Input Value		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	39322		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	24269		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgUnderstand the state of $	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVali	d_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3222222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_Hv	vNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-10.4838295	-10.4838295 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.07107687	0.0710768402 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-10.4838295	-10.4838295 ± 0.000976	✓
DigHwTrqSENT_TrqSum_HwNm_M_f32	-3.73784995	-3.73784995 ± 0.000976	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	5.88240004	5.88240004 ± 0.0024414	✓

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

Test Step 2.2 (Repeat Count = 1)	
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	8.51920033
DigHwTrqSENT_HwTrq_HwNm_M_f32	-5.67600012
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-2.33400011
DigHwTrqSENT_T1_HwNm_M_f32	0.298000008
DigHwTrqSENT_T2_HwNm_M_f32	7.01599979
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	11
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.41139999
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-5.20959997
DigHwTrqSENT_TrqSum_HwNm_M_f32	-5.51999998
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	6.17299986
k_T1T2SSLim_HwNm_f32	4.70440006
k_T1T2TransFltLim_HwNm_f32	3.62639999
k_T1vsT2TrqSum_HwNm_f32	4.01000023
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263
t_T1T2DepTrsTimecon_Hz_u6p10[16]	36055

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value$

DigHwTrqSENT_Per2

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-5.67600012 ± 0.0024414

Name	Input Value		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_P$	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVal	lid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3$	2 tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	wNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	8.77799034	8.77799034 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.30260241	0.30260241 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	8.77799034	8.77799034 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	3.65699983	3.65700006 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	1	1	~
A CONTROL OF A CON	F 07000040	5.07000040 0.0004444	

<i>T</i>				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	-

-5.67600012

Test Step 2.3 (Repeat Count = 1)		
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20	
DigHwTrqSENT_HwTrq_HwNm_M_f32	-10	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-20	
DigHwTrqSENT_T1_HwNm_M_f32	-10	
DigHwTrqSENT_T2_HwNm_M_f32	-10	
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-20	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-20	
DigHwTrqSENT_TrqSum_HwNm_M_f32	-20	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT	
k_CMCLPFOutLim_HwNm_f32	0	
k_T1T2SSLim_HwNm_f32	0	
k_T1T2TransFltLim_HwNm_f32	0	
k_T1vsT2TrqSum_HwNm_f32	0	
t_T1T2DepTrsTimecon_Hz_u6p10[0]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[1]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[2]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[3]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[4]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[5]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[6]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[7]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[8]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[9]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[10]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[11]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[12]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[13]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[14]	0	
t_T1T2DepTrsTimecon_Hz_u6p10[15]	0	
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© Report created by TESSY V3.1.7, report template V2.1

Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)

tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

DigHwTrqSENT_Per2

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Input Value t_T1T2DepTrsTimecon_Hz_u6p10[16] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[0] 0 t T1T2IndTrsTimecon HwNm u5p11[1] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[2] 0 t T1T2IndTrsTimecon HwNm u5p11[3] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[4] 0 t T1T2IndTrsTimecon HwNm u5p11[5] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[6] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[7] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[8] 0 0 t_T1T2IndTrsTimecon_HwNm_u5p11[9] t_T1T2IndTrsTimecon_HwNm_u5p11[10] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[11] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[12] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[13] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[14] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[15] 0 t_T1T2IndTrsTimecon_HwNm_u5p11[16] 0 $tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_le\\ [tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_le\\ [tgt_DigHwTrqSENT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeN$ $tgt_Rte_Inst_Sa_DigHwTrqSENT_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32\\ \ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32\\ \ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3$ Name **Actual Value Expected Value** Result $DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32$ -20 -20 ± 0.000976 DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32 0 0 ± 0.000009 $DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32$ -20 -20 ± 0.000976 DigHwTrqSENT_TrqSum_HwNm_M_f32 -0 0 ± 0.000976 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)$ 101 101 Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08) 1 1

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

1

-10 ± 0.0024414

1

-10

Test Step 2.4 (Repeat Count = 1)	√
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-3
DigHwTrqSENT_HwTrq_HwNm_M_f32	-9.39120007
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-4
DigHwTrqSENT_T1_HwNm_M_f32	-6.61810017
DigHwTrqSENT_T2_HwNm_M_f32	6.09800005
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.60800004
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.144700006
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.9209995
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.7329998
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	11.9969997
k_T1T2SSLim_HwNm_f32	7.77159977
k_T1T2TransFltLim_HwNm_f32	5.97359991
k_T1vsT2TrqSum_HwNm_f32	13.6700001
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082

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_T1T2DepTrsTimecon_Hz_u6p10[15]	Input Value		
	33987		
_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
gt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt	lc tgt_DigHwTrqSENT_Per2_SrlComHwTrqVa	alid_Cnt_lgc	
gt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_F	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.19120049	-3.19120049 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.19120049	-3.19120049 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.260050058	-0.260049999 ± 0.000976	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
gt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~
gt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	-9.39120007	-9.39120007 ± 0.0024414	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

Test Step 2.5 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-5
DigHwTrqSENT_HwTrq_HwNm_M_f32	-1.54799998
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-4.15700006
DigHwTrqSENT_T1_HwNm_M_f32	-0.145999998
DigHwTrqSENT_T2_HwNm_M_f32	0
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-4.15700006
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.183400005
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-1.42760003
DigHwTrqSENT_TrqSum_HwNm_M_f32	-4.45800018
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	1.69299996
k_T1T2SSLim_HwNm_f32	1.29639995
k_T1T2TransFltLim_HwNm_f32	1.01839995
k_T1vsT2TrqSum_HwNm_f32	9.39999962
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

DigHwTrqSENT_Per2

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-1.54799998 ± 0.0024414

Input Value t_T1T2DepTrsTimecon_Hz_u6p10[14] 32471 t_T1T2DepTrsTimecon_Hz_u6p10[15] 34263 t_T1T2DepTrsTimecon_Hz_u6p10[16] 36055 t_T1T2IndTrsTimecon_HwNm_u5p11[0] 6205 t_T1T2IndTrsTimecon_HwNm_u5p11[1] 9216 t_T1T2IndTrsTimecon_HwNm_u5p11[2] 12227 t_T1T2IndTrsTimecon_HwNm_u5p11[3] 15237 t_T1T2IndTrsTimecon_HwNm_u5p11[4] 18248 t_T1T2IndTrsTimecon_HwNm_u5p11[5] 21258 t_T1T2IndTrsTimecon_HwNm_u5p11[6] 24269 27279 t_T1T2IndTrsTimecon_HwNm_u5p11[7] t_T1T2IndTrsTimecon_HwNm_u5p11[8] 30290 t_T1T2IndTrsTimecon_HwNm_u5p11[9] 33300 36311 t_T1T2IndTrsTimecon_HwNm_u5p11[10] t_T1T2IndTrsTimecon_HwNm_u5p11[11] 36864 37888 t_T1T2IndTrsTimecon_HwNm_u5p11[12] t_T1T2IndTrsTimecon_HwNm_u5p11[13] 38093 t_T1T2IndTrsTimecon_HwNm_u5p11[14] 39936 $t_T1T2IndTrsTimecon_HwNm_u5p11[15]$ 40141 t_T1T2IndTrsTimecon_HwNm_u5p11[16] 40346 $tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqValid_Cnt_lg_tgt_DigHwTrqUalid_Cnt_lg_tgt_DigHwTrqUalid_Cnt_lg_tgt_DigHwTrqUalid_Cnt_lg_t$ tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 **Actual Value Expected Value** Result ${\sf DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32}$ -3.48013163 -3.48013186 ± 0.000976 DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32 0.165736616 0.165736586 ± 0.0000009 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32 -3.48013163 -3.48013186 ± 0.000976 DigHwTrqSENT_TrqSum_HwNm_M_f32 -0.0729999989 -0.0729999989 ± 0.000976 Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum) 101 101 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)$ Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum) 1 1 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$ 0 0

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte Call DigHwTrgSENT Per2 CP1 CheckpointReached	1	Rte Call DigHwTrgSENT Per2 CP1 CheckpointReached	1	-

-1.54799998

Test Step 2.6 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	1.34319997
DigHwTrqSENT_HwTrq_HwNm_M_f32	-0.309599996
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.82099998
DigHwTrqSENT_T1_HwNm_M_f32	10
DigHwTrqSENT_T2_HwNm_M_f32	0.617999971
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-0.82099998
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.115000002
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-0.293000013
DigHwTrqSENT_TrqSum_HwNm_M_f32	-1.27199996
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	0.349000007
k_T1T2SSLim_HwNm_f32	0.273999989
k_T1T2TransFltLim_HwNm_f32	0.236000001
k_T1vsT2TrqSum_HwNm_f32	5.80000019
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489

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DigHwTrqSENT_Per2

Name	Input Value		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	39322		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	39526		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	39731		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lo	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVal	id_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3222222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	wNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-0.336869925	-0.336869925 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0789771676	0.0789771751 ± 0.00000009	✓
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-0.336869925	-0.336869925 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	5.30900002	5.30900002 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	Ī	✓

0

-0.309599996

0

-0.309599996 ± 0.0024414

Τ

Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value$

V

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Name	Input Value		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_I	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVa	llid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	lwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	4.39192629	4.39192724 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.58558929	0.58558929 ± 0.0000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	4.39192629	4.39192724 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.230000004	0.230000004 ± 0.000976	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
$Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$	1	1	•
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	3.81839991	3.81839991 ± 0.0024414	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

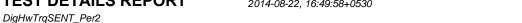
DigHwTrqSENT_Per2

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Test Case 3: Boundary Test

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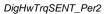


Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TC3.1 1726.00 C
TC3.2 1711.00 C
TC3.3 1711.00 C
TC3.4 1710.00 C
TC3.5 1710.00 C
TC3.6 1710.00 C
TC3.6 1710.00 C
TC3.7 1720.00 C
TC3.8 1718.00 C
TC3.10 1718.00 C
TC3.11 1718.00
TC3.12 1718.00
TC3.13 1718.00
TC3.14 1718.00
TC3.15 1709.00
TC3.16 1710.00
TC3.17 1710.00
TC3.18 1715.00
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TC3.19 1710.00
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TC3.20 1710.00
TC3.21 1704.00
TC3.22 1724.00
TC3.23 1714.00
TC3.24 1723.00
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TC3.27 1718.00
TC3.27 1718.00
TC3.28 1718.00
TC3.28 1718.00
TC3.29 1718.00
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TC3.22 1724.00
TC3.23 1718.00
TC3.24 1723.00
TC3.25 1718.00
TC3.26 1718.00
TC3.27 1724.00
TC3.28 1724.00
TC3.28 1724.00 Cycles Cycles Cycles Cycles Cycles Cycles Cycles Cycles Cycles
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TC3.37
TC3.38
TC3.39
TC3.40
TC3.41
TC3.42
TC3.45
TC3.45
TC3.46
TC3.47
TC3.45
TC3.46
TC3.50
TC3.51
TC3.52
TC3.56
TC3.56
TC3.57
TC3.56
TC3.56 1709.00 1715.00 1714.00 1714.00 1714.00 1714.00 1715.00 1715.00 1724.00 1724.00 1722.00 1715.00 1713.00 1713.00 1709.00 1719.00 1709.00 1709.00 1714.00 1713.00 1713.00 1709.00 1714.00 1714.00 1709.00 1710.00 1710.00 1722.00 1721.00 1721.00





```
Description Vector Description:
```

```
TC3.1All Min
  TC3.2All Max
 TC3.3T1_HwNm_M_f32 = Min
TC3.4T1_HwNm_M_f32 = Max
TC3.5T1_HwNm_M_f32 = Zero
 TC3.6T1_HwNm_M_f32 = Pos
TC3.7T1_HwNm_M_f32 = Neg
TC3.8T2_HwNm_M_f32 = Min
 TC3.9T2_HwNm_M_f32 = Max
TC3.10T2_HwNm_M_f32 = Zero
TC3.11T2_HwNm_M_f32 = Pos
  TC3.12T2_HwNm_M_f32 = Neg
 TC3.13TrqSum_HwNm_M_f32 = Min
TC3.14TrqSum_HwNm_M_f32 = Max
TC3.15TrqSum_HwNm_M_f32 = Zero
 TC3.16TrqSum_HwNm_M_f32 = Pos
TC3.17TrqSum_HwNm_M_f32 = Neg
TC3.18k_T1vsT2TrqSum_HwNm_f32 = Min
  TC3.19k_T1vsT2TrqSum_HwNm_f32 = Max
TC3.20k_T1vsT2TrqSum_HwNm_f32 = Pos
TC3.21t_T1T2IndTrsTimecon_HwNm_u5p11[17] = Min
  TC3.22t_T1T2IndTrsTimecon_HwNm_u5p11[17] = Max
TC3.23t_T1T2IndTrsTimecon_HwNm_u5p11[17] = Pos
TC3.24t_T1T2DepTrsTimecon_Hz_u6p10[17] = Min
TC3.24t_T1T2DepTrsTimecon_Hz_u6p10[17] = Min TC3.25t_T1T2DepTrsTimecon_Hz_u6p10[17] = Max TC3.26t_T1T2DepTrsTimecon_Hz_u6p10[17] = Pos TC3.27TDiagFiltKSV_M_str.SV = Min TC3.28TDiagFiltKSV_M_str.SV = Max TC3.29TDiagFiltKSV_M_str.SV = Zero TC3.30TDiagFiltKSV_M_str.SV = Pos TC3.31TDiagFiltKSV_M_str.SV = Neg TC3.32TDiagFiltKSV_M_str.SV = Neg TC3.32TDiagFiltKSV_M_str.K = Min TC3.33TDiagFiltKSV_M_str.K = Max TC3.34TDiagFiltKSV_M_str.K = Pos TC3.35TDiagFiltKSV_M_str.K = Pos TC3.35TDiagFiltKSV_M_str.K = Pos TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Pos TC3.35TDiagFiltKSV_M_str.K = Pos TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Pos TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Pos TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Pos TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Pos TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Min TC3.35TDiagFiltKSV_M_str.K = Min TC3.34TDiagFiltKSV_M_str.K = Min TC3.34TDiagFiltKSV_M_st
  TC3.35TDiagFiltOut_HwNm_M_f32 = Min
TC3.36TDiagFiltOut_HwNm_M_f32 = Max
TC3.37TDiagFiltOut_HwNm_M_f32 = Zero
  TC3.38TDiagFiltOut_HwNm_M_f32 = Pos
TC3.39TDiagFiltOut_HwNm_M_f32 = Neg
TC3.40k_T1T2SSLim_HwNm_f32 = Min
  TC3.41k_T1T2SSLim_HwNm_f32 = Max
TC3.42k_T1T2SSLim_HwNm_f32 = Pos
TC3.43k_T1T2TransFltLim_HwNm_f32 = Min
  TC3.44k\_T1T2TransFltLim\_HwNm\_f32 = Max
 \label{eq:total_control_total} \begin{split} TC3.45k\_T1T2TransFltLim\_HwNm\_f32 &= Pos\\ TC3.46Rte\_Call\_NxtrDiagMgr\_GetNTCStatus[3] &= Min\\ TC3.47Rte\_Call\_NxtrDiagMgr\_GetNTCStatus[3] &= Max \end{split}
 TC3.48Rte_Call_NxtrDiagMgr_GetNTCStatus[3] = Pos
TC3.49HwTrq_HwNm_M_f32 = Min
TC3.50HwTrq_HwNm_M_f32 = Max
  TC3.51HwTrq_HwNm_M_f32 = Zero
TC3.52HwTrq_HwNm_M_f32 = Pos
 TC3.52HW1rq_HWNm_M_T32 = Pos
TC3.53HWTrq_HwNm_M_f32 = Neg
TC3.54CMCFiltOut_HwNm_M_f32 = Min
TC3.55CMCFiltOut_HwNm_M_f32 = Max
TC3.56CMCFiltOut_HwNm_M_f32 = Zero
  TC3.57CMCFiltOut_HwNm_M_f32 = Pos
TC3.58CMCFiltOut_HwNm_M_f32 = Neg
TC3.59k_CMCLPFOutLim_HwNm_f32 = Min
TC3.60k_CMCLPFOutLim_HwNm_f32 = Max
TC3.61k_CMCLPFOutLim_HwNm_f32 = Max
TC3.62SSDiagFiltOut_HwNm_M_f32 = Min
TC3.63SSDiagFiltOut_HwNm_M_f32 = Max
  TC3.64SSDiagFiltOut_HwNm_M_f32 = Zero
TC3.65SSDiagFiltOut_HwNm_M_f32 = Pos
   TC3.66SSDiagFiltOut_HwNm_M_f32 = Neg
```

Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20
DigHwTrqSENT_HwTrq_HwNm_M_f32	-10
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-20
DigHwTrqSENT_T1_HwNm_M_f32	-10
DigHwTrqSENT_T2_HwNm_M_f32	-10
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-20
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-20
DigHwTrqSENT_TrqSum_HwNm_M_f32	-20
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	0
k_T1T2SSLim_HwNm_f32	0
k_T1T2TransFltLim_HwNm_f32	0
k_T1vsT2TrqSum_HwNm_f32	0
t_T1T2DepTrsTimecon_Hz_u6p10[0]	0
t_T1T2DepTrsTimecon_Hz_u6p10[1]	0
t_T1T2DepTrsTimecon_Hz_u6p10[2]	0
t_T1T2DepTrsTimecon_Hz_u6p10[3]	0

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DigHwTrqSENT_Per2

Name	Input Value		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	0		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Sa_DigHwTrqSENT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_Per2_SrlComHwTrqSeNT_P$	g tgt_DigHwTrqSENT_Per2_SrlComHwTrqVal	lid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3$	2 tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	wNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0	0 ± 0.000009	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-20

-0

101

1

1

-10

-20 ± 0.000976 0 ± 0.000976

-10 ± 0.0024414

101

1

Test Step 3.2 (Repeat Count = 1)	
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20
DigHwTrqSENT_HwTrq_HwNm_M_f32	10
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20
DigHwTrqSENT_T1_HwNm_M_f32	10
DigHwTrqSENT_T2_HwNm_M_f32	10
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	20
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.610338867
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	20
DigHwTrqSENT_TrqSum_HwNm_M_f32	20
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	20
k_T1T2SSLim_HwNm_f32	20
k_T1T2TransFltLim_HwNm_f32	20
k_T1vsT2TrqSum_HwNm_f32	20
t_T1T2DepTrsTimecon_Hz_u6p10[0]	38400
t_T1T2DepTrsTimecon_Hz_u6p10[1]	38400
t_T1T2DepTrsTimecon_Hz_u6p10[2]	38400

DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)$

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 ${\sf DigHwTrqSENT_TrqSum_HwNm_M_f32}$

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DigHwTrqSENT_Per2

Name	Input Value		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	38400		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40960		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_logers and the property of the property $	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVal	id_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3222222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_Hv	wNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	13.8966103	13.8966112 ± 0.000976	
_ · · · · · · · · · · · · · · · · · · ·			

0 0 1 = = 0				
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value		10 10 ± 0.0024414		-
T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

0.610338926

13.8966103

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0.610338867 ± 0.0000009

13.8966112 ± 0.000976

10 ± 0.000976

101

T4-04 0.0 (P4-044)	
Test Step 3.3 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	1.06719995
DigHwTrqSENT_HwTrq_HwNm_M_f32	0.103200004
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0.264999986
DigHwTrqSENT_T1_HwNm_M_f32	-10
DigHwTrqSENT_T2_HwNm_M_f32	-0.160999998
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	0.264999986
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.103600003
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	0.1039
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.740999997
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	0.125
k_T1T2SSLim_HwNm_f32	0.103600003
k_T1T2TransFltLim_HwNm_f32	0.105599999
k_T1vsT2TrqSum_HwNm_f32	5.19999981
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055

DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)$

Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)

Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)

DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32

DigHwTrqSENT_TrqSum_HwNm_M_f32

DigHwTrqSENT_Per2

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Input Value t_T1T2DepTrsTimecon_Hz_u6p10[2] 6083 t_T1T2DepTrsTimecon_Hz_u6p10[3] 8110 t_T1T2DepTrsTimecon_Hz_u6p10[4] 10138 t_T1T2DepTrsTimecon_Hz_u6p10[5] 12165 14193 t_T1T2DepTrsTimecon_Hz_u6p10[6] t_T1T2DepTrsTimecon_Hz_u6p10[7] 16220 t_T1T2DepTrsTimecon_Hz_u6p10[8] 18248 t_T1T2DepTrsTimecon_Hz_u6p10[9] 20275 t_T1T2DepTrsTimecon_Hz_u6p10[10] 22303 t_T1T2DepTrsTimecon_Hz_u6p10[11] 24330 t_T1T2DepTrsTimecon_Hz_u6p10[12] 26358 t_T1T2DepTrsTimecon_Hz_u6p10[13] 28385 t_T1T2DepTrsTimecon_Hz_u6p10[14] 30413 32440 t_T1T2DepTrsTimecon_Hz_u6p10[15] t_T1T2DepTrsTimecon_Hz_u6p10[16] 34468 2232 t_T1T2IndTrsTimecon_HwNm_u5p11[0] t_T1T2IndTrsTimecon_HwNm_u5p11[1] 3523 t_T1T2IndTrsTimecon_HwNm_u5p11[2] 4813 $t_T1T2IndTrsTimecon_HwNm_u5p11[3]$ 6103 t_T1T2IndTrsTimecon_HwNm_u5p11[4] 7393 $t_T1T2IndTrsTimecon_HwNm_u5p11[5]$ 8684 t_T1T2IndTrsTimecon_HwNm_u5p11[6] 9974 $t_T1T2IndTrsTimecon_HwNm_u5p11[7]$ 11264 t_T1T2IndTrsTimecon_HwNm_u5p11[8] 12554 t T1T2IndTrsTimecon HwNm u5p11[9] 13844 t_T1T2IndTrsTimecon_HwNm_u5p11[10] 15135 t T1T2IndTrsTimecon HwNm u5p11[11] 16425 t_T1T2IndTrsTimecon_HwNm_u5p11[12] 17715 t_T1T2IndTrsTimecon_HwNm_u5p11[13] 19005 t_T1T2IndTrsTimecon_HwNm_u5p11[14] 20296 t_T1T2IndTrsTimecon_HwNm_u5p11[15] 21586 t_T1T2IndTrsTimecon_HwNm_u5p11[16] 22876 tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Ic_tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Igc tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 Name Actual Value **Expected Value** Result DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32 -1.36935866 -1.36935866 ± 0.000976 DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32 0.305744767 $0.305744767 \pm 0.0000009$ $DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32$ -1.36935866 -1.36935866 ± 0.000976 -5.08050013 ± 0.000976 -5.08050013 $DigHwTrqSENT_TrqSum_HwNm_M_f32$

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value		0.103200004	0.103200004 ± 0.0024414	
Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	✓

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0

Test Step 3.4 (Repeat Count = 1)	l de la company de la comp
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	1.34319997
DigHwTrqSENT_HwTrq_HwNm_M_f32	-0.309599996
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.82099998
DigHwTrqSENT_T1_HwNm_M_f32	10
DigHwTrqSENT_T2_HwNm_M_f32	0.617999971
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-0.82099998
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.115000002
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-0.293000013
DigHwTrqSENT_TrqSum_HwNm_M_f32	-1.27199996
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	0.349000007
k_T1T2SSLim_HwNm_f32	0.273999989
k_T1T2TransFltLim_HwNm_f32	0.236000001
k_T1vsT2TrqSum_HwNm_f32	5.80000019
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)$

Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value

DigHwTrqSENT_Per2

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Input Value t_T1T2DepTrsTimecon_Hz_u6p10[1] 3082 t_T1T2DepTrsTimecon_Hz_u6p10[2] 3574 4065 t_T1T2DepTrsTimecon_Hz_u6p10[3] t_T1T2DepTrsTimecon_Hz_u6p10[4] 4557 t_T1T2DepTrsTimecon_Hz_u6p10[5] 5048 t_T1T2DepTrsTimecon_Hz_u6p10[6] 5540 t_T1T2DepTrsTimecon_Hz_u6p10[7] 6031 $t_T1T2DepTrsTimecon_Hz_u6p10[8]$ 6523 t_T1T2DepTrsTimecon_Hz_u6p10[9] 7014 $t_T1T2DepTrsTimecon_Hz_u6p10[10]$ 7506 t_T1T2DepTrsTimecon_Hz_u6p10[11] 7997 t_T1T2DepTrsTimecon_Hz_u6p10[12] 8489 t_T1T2DepTrsTimecon_Hz_u6p10[13] 8980 t_T1T2DepTrsTimecon_Hz_u6p10[14] 9472 t_T1T2DepTrsTimecon_Hz_u6p10[15] 9964 t_T1T2DepTrsTimecon_Hz_u6p10[16] 10455 t_T1T2IndTrsTimecon_HwNm_u5p11[0] 6205 t_T1T2IndTrsTimecon_HwNm_u5p11[1] 9216 $t_T1T2IndTrsTimecon_HwNm_u5p11[2]$ 12227 t_T1T2IndTrsTimecon_HwNm_u5p11[3] 15237 t_T1T2IndTrsTimecon_HwNm_u5p11[4] 18248 t_T1T2IndTrsTimecon_HwNm_u5p11[5] 21258 t_T1T2IndTrsTimecon_HwNm_u5p11[6] 24269 t_T1T2IndTrsTimecon_HwNm_u5p11[7] 27279 t_T1T2IndTrsTimecon_HwNm_u5p11[8] 30290 t_T1T2IndTrsTimecon_HwNm_u5p11[9] 33300 t_T1T2IndTrsTimecon_HwNm_u5p11[10] 36311 t_T1T2IndTrsTimecon_HwNm_u5p11[11] 39322 t_T1T2IndTrsTimecon_HwNm_u5p11[12] 39526 t_T1T2IndTrsTimecon_HwNm_u5p11[13] 39731 t_T1T2IndTrsTimecon_HwNm_u5p11[14] 39936 t_T1T2IndTrsTimecon_HwNm_u5p11[15] 40141 t_T1T2IndTrsTimecon_HwNm_u5p11[16] 40346 $tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrqSENT_Per2_Sr$ tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32

tgt_rtte_mst_da_bignwfrqoEtt1.bignwfrqoEtt1_i etz_oncomnwfrq_nwtm_isz	rgc_bigitwiiqoEitti_i ciz_ciicoiiiiiwiiq_iii	**************************************	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-0.336869925	-0.336869925 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0789771676	0.0789771751 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-0.336869925	-0.336869925 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	5.30900002	5.30900002 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	-0.309599996	-0.309599996 ± 0.0024414	

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

Test Step 3.5 (Repeat Count = 1)	
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	1.61919999
DigHwTrqSENT_HwTrq_HwNm_M_f32	0.515999973
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1.37699997
DigHwTrqSENT_T1_HwNm_M_f32	0
DigHwTrqSENT_T2_HwNm_M_f32	-1.07500005
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	1.37699997
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.126399994
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	0.48210001
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.80299997
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
k_CMCLPFOutLim_HwNm_f32	0.573000014
k_T1T2SSLim_HwNm_f32	0.444400012
k_T1T2TransFltLim_HwNm_f32	0.366400003
k_T1vsT2TrqSum_HwNm_f32	6.4000001



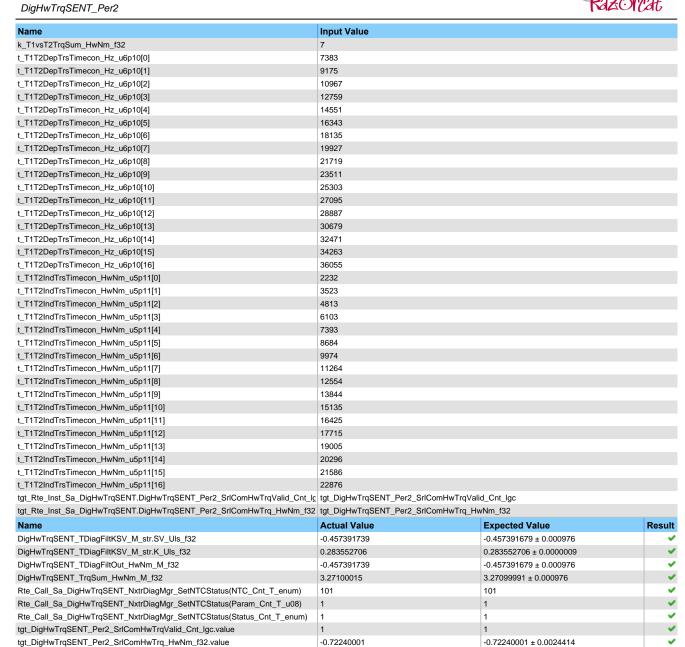


Name	Input Value		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_legers = 0.0000000000000000000000000000000000$	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVal	id_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3222222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_Hv	wNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	1.13865626	1.13865638 ± 0.000976	✓
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	✓
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	1.13865626	1.13865638 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.537500024	-0.537500024 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	1	1	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	0.515999973	0.515999973 ± 0.0024414	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

Test Step 3.6 (Repeat Count = 1)		~
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	1.89520001	
DigHwTrqSENT_HwTrq_HwNm_M_f32	-0.72240001	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-1.93299997	
DigHwTrqSENT_T1_HwNm_M_f32	5.01000023	
DigHwTrqSENT_T2_HwNm_M_f32	1.53199995	
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-1.93299997	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.137799993	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-0.671199977	
DigHwTrqSENT_TrqSum_HwNm_M_f32	-2.33400011	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT	
k_CMCLPFOutLim_HwNm_f32	0.796999991	
k_T1T2SSLim_HwNm_f32	0.614799976	
k_T1T2TransFltLim_HwNm_f32	0.496800005	





T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

Test Step 3.7 (Repeat Count = 1)		✓
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-2	
DigHwTrqSENT_HwTrq_HwNm_M_f32	0.928799987	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	2.48900008	
DigHwTrqSENT_T1_HwNm_M_f32	-5.13000011	
DigHwTrqSENT_T2_HwNm_M_f32	-1.98899996	
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	2.48900008	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.149200007	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	0.860300004	
DigHwTrqSENT_TrqSum_HwNm_M_f32	2.86500001	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT	
k_CMCLPFOutLim_HwNm_f32	1.02100003	
k_T1T2SSLim_HwNm_f32	0.7852	

DigHwTrqSENT_Per2



Name	Input Value		
k_T1T2TransFltLim_HwNm_f32	0.627200007		
k_T1vsT2TrqSum_HwNm_f32	7.5999999		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Inst_Self_Self_Self_Self_Self_Self_Self_Self_$	g tgt_DigHwTrqSENT_Per2_SrlComHwTrqVa	llid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3322222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	lwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	2.09325695	2.09325671 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0654283166	0.0654283315 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	2.09325695	2.09325671 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-3.55949998	-3.55949998 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	0.928799987	0.928799987 ± 0.0024414	✓

T ✓					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	-	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓	
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~	

Test Step 3.8 (Repeat Count = 1)		✓
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-3	
DigHwTrqSENT_HwTrq_HwNm_M_f32	-1.13520002	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-3.04500008	
DigHwTrqSENT_T1_HwNm_M_f32	0.898000002	
DigHwTrqSENT_T2_HwNm_M_f32	-10	
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.04500008	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.160600007	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-1.04939997	
DigHwTrqSENT_TrqSum_HwNm_M_f32	-3.39599991	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT	
k_CMCLPFOutLim_HwNm_f32	1.245	

DigHwTrqSENT_Per2

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Name	Input Value		
k_T1T2SSLim_HwNm_f32	0.955600023		
k_T1T2TransFltLim_HwNm_f32	0.757600009		
k_T1vsT2TrqSum_HwNm_f32	8.19999981		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3	2 tgt_DigHwTrqSENT_Per2_SrlComHwTrq_F	lwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.19374347	-3.19374323 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0987671614	0.0987671539 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.19374347	-3.19374323 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-4.55100012	-4.55100012 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
$Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$	1	1	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

-1.13520002

-1.13520002 ± 0.0024414

Test Step 3.9 (Repeat Count = 1)		<u>~</u>
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-4	
DigHwTrqSENT_HwTrq_HwNm_M_f32	1.34159994	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	3.60100007	
DigHwTrqSENT_T1_HwNm_M_f32	0.375999987	
DigHwTrqSENT_T2_HwNm_M_f32	10	
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	3.60100007	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.172000006	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	1.2385	
DigHwTrqSENT_TrqSum_HwNm_M_f32	3.92700005	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT	

DigHwTrqSENT_Per2

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Input Value k CMCLPFOutLim HwNm f32 1.46899998 1.12600005 $k_T1T2SSLim_HwNm_f32$ k T1T2TransFltLim HwNm f32 0.888000011 $k_T1vsT2TrqSum_HwNm_f32$ 8.80000019 t T1T2DepTrsTimecon_Hz_u6p10[0] 5417 t_T1T2DepTrsTimecon_Hz_u6p10[1] 7322 t T1T2DepTrsTimecon Hz u6p10[2] 9226 t_T1T2DepTrsTimecon_Hz_u6p10[3] 11131 t_T1T2DepTrsTimecon_Hz_u6p10[4] 13036 t_T1T2DepTrsTimecon_Hz_u6p10[5] 14940 t_T1T2DepTrsTimecon_Hz_u6p10[6] 16845 18749 t_T1T2DepTrsTimecon_Hz_u6p10[7] 20654 t_T1T2DepTrsTimecon_Hz_u6p10[8] 22559 t_T1T2DepTrsTimecon_Hz_u6p10[9] t_T1T2DepTrsTimecon_Hz_u6p10[10] 24463 t_T1T2DepTrsTimecon_Hz_u6p10[11] 26368 t_T1T2DepTrsTimecon_Hz_u6p10[12] 28273 t T1T2DepTrsTimecon Hz u6p10[13] 30177 t_T1T2DepTrsTimecon_Hz_u6p10[14] 32082 t_T1T2DepTrsTimecon_Hz_u6p10[15] 33987 t_T1T2DepTrsTimecon_Hz_u6p10[16] 35891 t_T1T2IndTrsTimecon_HwNm_u5p11[0] 2232 $t_T1T2IndTrsTimecon_HwNm_u5p11[1]$ 3523 t_T1T2IndTrsTimecon_HwNm_u5p11[2] 4813 t T1T2IndTrsTimecon HwNm u5p11[3] 6103 t_T1T2IndTrsTimecon_HwNm_u5p11[4] 7393 8684 t T1T2IndTrsTimecon HwNm u5p11[5] t_T1T2IndTrsTimecon_HwNm_u5p11[6] 9974 t T1T2IndTrsTimecon HwNm u5p11[7] 11264 t_T1T2IndTrsTimecon_HwNm_u5p11[8] 12554 t_T1T2IndTrsTimecon_HwNm_u5p11[9] 13844 t_T1T2IndTrsTimecon_HwNm_u5p11[10] 15135 t_T1T2IndTrsTimecon_HwNm_u5p11[11] 16425 t_T1T2IndTrsTimecon_HwNm_u5p11[12] 17715 t_T1T2IndTrsTimecon_HwNm_u5p11[13] 19005 20296 t_T1T2IndTrsTimecon_HwNm_u5p11[14] $t_T1T2IndTrsTimecon_HwNm_u5p11[15]$ 21586 22876 t_T1T2IndTrsTimecon_HwNm_u5p11[16] $tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_le_tgt_DigHwTrqValid_Cnt_DigHwTrqValid_Cnt_DigHwTrqValid_Cnt_DigHwTrqValid_Cnt_DigHwTrqValid_Cnt_DigHwTrqValid_Cnt_DigHwTrqValid_Cnt_DigHwTrqUalid_Cnt_DigHwTrqUalid_Cnt_DigHwT$ $tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32\\ \ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32\\ \ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3$ **Actual Value Expected Value** Result DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32 4.1628437 4.1628437 ± 0.000976 DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32 0.354028881 0.354028851 ± 0.0000009 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32 4.1628437 4.1628437 ± 0.000976 DigHwTrgSENT TrgSum HwNm M f32 5.1880002 5.1880002 ± 0.000976 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)$ 101 101 Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08) 1 1 Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum) tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value

▼ T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~	
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•	

1 34159994

1.34159994 ± 0.0024414

Test Step 3.10 (Repeat Count = 1)		✓
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-5	
DigHwTrqSENT_HwTrq_HwNm_M_f32	-1.54799998	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-4.15700006	
DigHwTrqSENT_T1_HwNm_M_f32	-0.145999998	
DigHwTrqSENT_T2_HwNm_M_f32	0	
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-4.15700006	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.183400005	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-1.42760003	
DigHwTrqSENT_TrqSum_HwNm_M_f32	-4.45800018	

DigHwTrqSENT_Per2

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Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	1.69299996		
k_T1T2SSLim_HwNm_f32	1.29639995		
k_T1T2TransFltLim_HwNm_f32	1.01839995		
k_T1vsT2TrqSum_HwNm_f32	9.39999962		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	36055		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t T1T2IndTrsTimecon HwNm u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t T1T2IndTrsTimecon HwNm u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_I	c tat DiaHwTraSENT Per2 SrlComHwTraV	alid Cnt loc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3;			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.48013163	-3.48013186 ± 0.000976	rtoduit
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.48013163	-3.48013186 ± 0.000976	
DigHwTrqSENT_TrgSum_HwNm_M_f32	-0.0729999989	-0.0729999989 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cftt_1_eftuff)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_1_u06) Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	
	0	0	
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	1	-	Ž
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	-1.54799998	-1.54799998 ± 0.0024414	

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

Test Step 3.11 (Repeat Count = 1)		✓
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-6	
DigHwTrqSENT_HwTrq_HwNm_M_f32	1.75440001	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	4.71299982	
DigHwTrqSENT_T1_HwNm_M_f32	0.667999983	
DigHwTrqSENT_T2_HwNm_M_f32	8.05000019	
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	4.71299982	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.194800004	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	1.61670005	

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		•	
Name	Input Value		
DigHwTrqSENT_TrqSum_HwNm_M_f32	4.98899984		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	1.91700006		
k_T1T2SSLim_HwNm_f32	1.46679997		
k_T1T2TransFltLim_HwNm_f32	1.14880002		
k_T1vsT2TrqSum_HwNm_f32	10		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Iq			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32		The state of the s	1_
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	4.64825296	4.64825296 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.182900667	0.182900652 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	4.64825296	4.64825296 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	4.35900021	4.35900021 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	1.75440001	1.75440001 ± 0.0024414	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte Call DigHwTrgSENT Per2 CP1 CheckpointReached	1	Rte Call DigHwTrgSENT Per2 CP1 CheckpointReached	1	_

Test Step 3.12 (Repeat Count = 1)		✓
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-7	
DigHwTrqSENT_HwTrq_HwNm_M_f32	-1.96080005	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-5.26900005	
DigHwTrqSENT_T1_HwNm_M_f32	-1.19000006	
DigHwTrqSENT_T2_HwNm_M_f32	-8.02000046	
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-5.26900005	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.206200004	

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Innut Value			
•			
	id Cnt lac		
	I and the second		Result
	•		Result
-4 6050005			
-4.6050005 101	-4.60500002 ± 0.000976		
101	101		
101	101		
101	101		
	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_Hi Actual Value -5.18755007 0.122665524 -5.18755007	-1.80579996 -5.51999998 tgt_Rte_Inst_Sa_DigHwTrqSENT 2.1410003 1.6372 1.27919996 10.6000004 2591 3082 3574 4065 4557 5048 5540 6031 6523 7014 7506 7997 8489 8980 99472 9964 10455 2232 3523 48813 6103 7393 8684 9974 11264 12554 13844 15135 16425 17715 19005 20296 21586 22876 tgt_DigHwTrqSENT_Per2_SrlComHwTrqUalid_Cnt_lgc tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 Actual Value Expected Value -5.18755007 0.122665524 ± 0.0000096 -5.18755007 ± 0.1000976	-1.80579996 -5.5199998 tg_Rte_Inst_Sa_DighwTrqSENT 2.1410003 1.6372 1.27919996 10.600004 2591 3082 3574 4065 4557 5048 5540 6031 6523 7014 7506 7997 8489 8980 9472 9964 10455 2232 3523 4813 6103 7393 8684 9974 11264 12554 13844 15135 16425 17715 19005 20296 21586 22876 tg_DighwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc tg_DighwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 Actual Value Expected Value -5.18755007 -5.18755007 -0.122665524 -0.12266524 -0.12266524 -0.12266524 -0.12266524 -0.12266524 -0.12266524 -0.12266524 -0.12266524 -0.12266524 -0.12266524 -0.12266524 -0.1266524 -0.1266524 -0.1266524 -0

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

Test Step 3.13 (Repeat Count = 1)		✓
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-8	
DigHwTrqSENT_HwTrq_HwNm_M_f32	2.16720009	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	5.82499981	
DigHwTrqSENT_T1_HwNm_M_f32	1.71200001	
DigHwTrqSENT_T2_HwNm_M_f32	0.753000021	
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	5.82499981	

DigHwTrqSENT_Per2



Name	Input Value		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.217600003		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	1.99489999		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-20		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	2.36500001		
k T1T2SSLim HwNm f32	1.80760002		
k_T1T2TransFltLim_HwNm_f32	1.40960002		
k_T1vsT2TrqSum_HwNm_f32	11.199998		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t T1T2DepTrsTimecon Hz u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t T1T2DepTrsTimecon Hz u6p10[11]	26368		
t T1T2DepTrsTimecon Hz u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t T1T2DepTrsTimecon Hz u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lq	tgt DigHwTrgSENT Per2 SrlComHwTrgVal	id Cnt Igc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	5.25326157	5.25326157 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	5.25326157	5.25326157 ± 0.000976	
DigHwTrqSENT_TrgSum_HwNm_M_f32	1.23250008	1.23249996 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	2.16720009	2.16720009 ± 0.0024414	
9.2.9402	2	22000 2 0.0024414	

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

Test Step 3.14 (Repeat Count = 1)		✓
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-9	
DigHwTrqSENT_HwTrq_HwNm_M_f32	-2.37360001	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-6.38100004	
DigHwTrqSENT_T1_HwNm_M_f32	-2.23399997	
DigHwTrqSENT_T2_HwNm_M_f32	0.296000004	

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Name	Input Value		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32	-6.38100004		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_UIs_f32	0.229000002		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-2.18400002		
DigHwTrqSENT_TrqSum_HwNm_M_f32	20		
Rte Inst Sa DigHwTrgSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	2.58899999		
k_T1T2SSLim_HwNm_f32	1.97800004		
k_T1T2GSLIII_rWNII_IS2 k_T1T2TransFltLim_HwNm_f32	1.53999996		
k_T1vsT2TrqSum_HwNm_f32	11.8000002		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	16343		
t_T1T2DepTrsTimecon_riz_uop10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t_T1T2DepTrsTimecon_tiz_uop10[7]	21719		
t_T1T2DepTrsTimecon_riz_uop10[9]	23511		
t_T1T2DepTrsTimecon_riz_uop10[9]	25303		
t_T1T2DepTrsTimecon_riz_uop10[10]	27095		
	28887		
t_T1T2DepTrsTimecon_Hz_u6p10[12] t T1T2DepTrsTimecon Hz u6p10[13]	30679		
	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[14]			
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263 36055		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[0] t T1T2IndTrsTimecon HwNm u5p11[1]			
	6144 7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]			
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419	id Oat Inc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_li			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32		I and the second	1
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-5.48403358	-5.48403358 ± 0.000976	•
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-5.48403358	-5.48403358 ± 0.000976	•
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.968999982	-0.968999982 ± 0.000976	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	-2.37360001	-2.37360001 ± 0.0024414	

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte Call DigHwTrgSENT Per2 CP1 CheckpointReached	1	Rte Call DigHwTrgSENT Per2 CP1 CheckpointReached	1	_

Test Step 3.15 (Repeat Count = 1)		✓
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.37919998	
DigHwTrqSENT_HwTrq_HwNm_M_f32	2.57999992	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	6.9369998	
DigHwTrqSENT_T1_HwNm_M_f32	2.75600004	

DigHwTrqSENT_Per2



Name	Input Value		
DigHwTrqSENT_T2_HwNm_M_f32	-0.160999998		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	6.9369998		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.240400001		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	2.37310004		
DigHwTrqSENT_TrqSum_HwNm_M_f32	0		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	2.81299996		
k_T1T2SSLim_HwNm_f32	2.14840007		
k_T1T2TransFltLim_HwNm_f32	1.67040002		
k_T1vsT2TrqSum_HwNm_f32	12.3999996		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t T1T2DepTrsTimecon Hz u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t T1T2IndTrsTimecon HwNm u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc		lid Cot lac	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name			Popult
	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	6.57604265	6.57604313 ± 0.000976	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0640051365	0.0640050992 ± 0.00000009 6.57604313 ± 0.000976	J
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	6.57604265		
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.29750001	1.29750001 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	V
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	V
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	V
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	1	1	V
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	2.57999992	2.57999992 ± 0.0024414	

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte Call DigHwTrgSENT Per2 CP1 ChecknointReached	1	Rte Call DigHwTrgSENT Per2 CP1 CheckpointReached	1	-

Test Step 3.16 (Repeat Count = 1)		✓
Name	Input Value	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.6552	
DigHwTrqSENT_HwTrq_HwNm_M_f32	-2.78640008	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-7.49300003	

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Name	Input Value		
DigHwTrqSENT_T1_HwNm_M_f32	-3.27800012		
DigHwTrqSENT_T2_HwNm_M_f32	0.617999971		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-7.49300003		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.251800001		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-2.56220007		
DigHwTrqSENT_TrqSum_HwNm_M_f32	11.21		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	3.03699994		
k_T1T2SSLim_HwNm_f32	2.31879997		
k T1T2TransFltLim HwNm f32	1.80079997		
k_T1vsT2TrqSum_HwNm_f32	13		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_riz_uop10[2]	4065		
t_T1T2DepTrsTimecon_riz_uop10[3]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t T1T2DepTrsTimecon_rz_uop10[7]	6523		
t_T1T2DepTrsTimecon_riz_uap10[9]	7014		
t_T1T2DepTrsTimecon_riz_uop10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[12]			
t_T1T2DepTrsTimecon_Hz_u6p10[13]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[14] t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
	10455		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]			
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216 12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]			
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Resul
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-7.11327982	-7.11327982 ± 0.000976	,
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0616129041	0.0616128817 ± 0.00000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-7.11327982	-7.11327982 ± 0.000976	•
DigHwTrqSENT_TrqSum_HwNm_M_f32	4 00000004	-1.33000004 ± 0.000976	
	-1.33000004		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum) Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)			
	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	101	101	

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

Test Step 3.17 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.93120003
DigHwTrqSENT_HwTrq_HwNm_M_f32	2.9928

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DigHwTrqSENT_Per2

Name	Input Value		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	8.04899979		
DigHwTrqSENT_T1_HwNm_M_f32	3.79999995		
DigHwTrqSENT_T2_HwNm_M_f32	-1.07500005		
DigHwTrgSENT TDiagFiltKSV M str.SV Uls f32	8.04899979		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.263200015		
DigHwTrgSENT TDiagFiltOut HwNm M f32	2.7513001		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-11.1199999		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k CMCLPFOutLim HwNm f32	3.26099992		
k T1T2SSLim HwNm f32	2.48920012		
k T1T2TransFltLim HwNm f32	1.93120003		
k_T1vsT2TrqSum_HwNm_f32	13.6000004		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t T1T2DepTrsTimecon Hz u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t T1T2IndTrsTimecon HwNm u5p11[9]	16957		
t T1T2IndTrsTimecon HwNm u5p11[10]	18309		
t T1T2IndTrsTimecon HwNm u5p11[11]	19661		
t T1T2IndTrsTimecon HwNm u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_I		alid Cnt Igc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	7.21657085	7.21657133 ± 0.000976	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	7.21657085	7.21657133 ± 0.0000003	
DigHwTrqSENT_TrgSum_HwNm_M_f32	1.36249995	1.36249995 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	1.36249995	1.30249993 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cht_1_endin)	1	1	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	
tot DiaHwTraSENT Dars SrlComHwTraValid Cot Inc. value			-

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

2.9928 ± 0.0024414

0

2.9928

Test Step 3.18 (Repeat Count = 1)	✓
Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	5.20720005

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

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Name	Input Value		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-3.19919991		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-8.60499954		
DigHwTrqSENT_T1_HwNm_M_f32	-4.32200003		
DigHwTrqSENT_T2_HwNm_M_f32	1.53199995		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-8.60499954		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.274599999		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-2.94039989		
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.85199998		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSI	≣NT	
k_CMCLPFOutLim_HwNm_f32	3.4849999		
k_T1T2SSLim_HwNm_f32	2.65960002		
k_T1T2TransFltLim_HwNm_f32	2.06159997		
k_T1vsT2TrqSum_HwNm_f32	0		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t T1T2DepTrsTimecon Hz u6p10[10]			
	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	36055		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHw	TrqValid_Cnt_lg tgt_DigHwTrqSENT_Per2_Sr	IComHwTrqValid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHw	Trq_HwNm_f32 tgt_DigHwTrqSENT_Per2_Sr	IComHwTrq_HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-7.17883587	-7.17883682 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	J
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-7.17883587	-7.17883682 ± 0.000976	
Digital transfer Transfer Market M 400		0000002 ± 0.000070	

DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-7.17883587	-7.17883682 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	✓
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-7.17883587	-7.17883682 ± 0.000976	•
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0	0 ± 0.000976	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	•
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	-3.19919991	-3.19919991 ± 0.0024414	•
		•	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~



DigHwTrqSENT_Per2

Test Step 3.19 (Repeat Count = 1)			V
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	5.48320007		
DigHwTrqSENT_HwTrq_HwNm_M_f32	3.40560007		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	9.16100025		
DigHwTrqSENT_T1_HwNm_M_f32	4.84399986		
DigHwTrqSENT_T2_HwNm_M_f32	-1.98899996		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	9.16100025		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.286000013		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	3.12949991		
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.32100001		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	3.70900011		
k_T1T2SSLim_HwNm_f32	2.82999992		
k_T1T2TransFltLim_HwNm_f32	2.19199991		
k_T1vsT2TrqSum_HwNm_f32	20		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lq			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32		HwNm_f32	
Name	Actual Value	Expected Value	Resul
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	8.78549099	8.78549099 ± 0.000976	•
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.048556149	0.0485561527 ± 0.00000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	8.78549099	8.78549099 ± 0.000976	•
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.42750001	1.42750001 ± 0.000976	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•
tat DigHwTraSENT Per? SrlComHwTraValid Cnt Igc value	1	1	

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	✓

3.40560007

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

3.40560007 ± 0.0024414



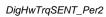
Test Step 3.20 (Repeat Count = 1)			V
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	5.7592001		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-3.61199999		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-9.71700001		
DigHwTrqSENT_T1_HwNm_M_f32	-5.36600018		
DigHwTrqSENT_T2_HwNm_M_f32	2.4460001		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-9.71700001		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.297399998		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.31859994		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.209999993		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	3.93300009		
k_T1T2SSLim_HwNm_f32	3.00040007		
k_T1T2TransFltLim_HwNm_f32	2.32240009		
k_T1vsT2TrqSum_HwNm_f32	10.21		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496 8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[3] t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t T1T2IndTrsTimecon HwNm u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t T1T2IndTrsTimecon HwNm u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t T1T2IndTrsTimecon HwNm u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVal	lid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	wNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-9.20826244	-9.20826244 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0616129041	0.0616128817 ± 0.00000009	✓
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-9.20826244	-9.20826244 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-1.46000004	-1.46000004 ± 0.000976	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tot DigHwTrgSENT Per2 SrlComHwTrgValid Cnt lgc value	1	1	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-3.61199999

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-3.61199999 ± 0.0024414





Test Step 3.21 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	6.03520012		
DigHwTrqSENT_HwTrq_HwNm_M_f32	3.81839991		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	10.2729998		
DigHwTrqSENT_T1_HwNm_M_f32	5.88800001		
DigHwTrqSENT_T2_HwNm_M_f32	-2.90300012		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	10.2729998		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.308800012		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	3.50769997		
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.740999997		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	4.15700006		
k_T1T2SSLim_HwNm_f32	3.17079997		
k_T1T2TransFltLim_HwNm_f32	2.45280004		
k_T1vsT2TrqSum_HwNm_f32	0.230000004		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	0		
t T1T2IndTrsTimecon HwNm u5p11[7]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_		valid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3.			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	4.39192629	4.39192724 ± 0.000976	J
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.58558929	4.53192724 ± 0.000370 0.58558929 ± 0.0000009	-
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	4.39192629	4.39192724 ± 0.000976	
DigHwTrqSENT_TrgSum_HwNm_M_f32	0.230000004	0.230000004 ± 0.000976	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
	***	1.0.	

Name	Actual value	Expected value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	4.39192629	4.39192724 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.58558929	0.58558929 ± 0.0000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	4.39192629	4.39192724 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.230000004	0.230000004 ± 0.000976	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	•
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	3.81839991	3.81839991 ± 0.0024414	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~



DigHwTrqSENT_Per2

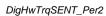
Test Step 3.22 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-4.02479982		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-10.8290005		
DigHwTrqSENT_T1_HwNm_M_f32	-6.40999985		
DigHwTrqSENT_T2_HwNm_M_f32	3.3599999		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32	-10.8290005		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.320199996		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.69679999		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-1.27199996		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	4.38100004		
k_T1T2SSLim_HwNm_f32	3.34120011		
k_T1T2TransFltLim_HwNm_f32	2.58319998		
k_T1vsT2TrqSum_HwNm_f32	0.649999976		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t T1T2DepTrsTimecon Hz u6p10[7]	19927		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	36055		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40960		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40960		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgtarrow and the state of $	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVa	ilid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3222222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	lwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-9.14196777	-9.14196682 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-9.14196777	-9.14196682 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.649999976	-0.649999976 ± 0.000976	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
	-	1 -	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-4.02479982

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-4.02479982 ± 0.0024414





Test Step 3.23 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-11		
DigHwTrqSENT HwTrq HwNm M f32	4.23120022		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	11.3850002		
DigHwTrqSENT_T1_HwNm_M_f32	6.93200016		
DigHwTrqSENT_T2_HwNm_M_f32	-3.81699991		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32	11.3850002		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.33160001		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	3.88590002		
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.80299997		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	4.60500002		
k_T1T2SSLim_HwNm_f32	3.51160002		
k_T1T2TransFitLim_HwNm_f32	2.71359992		
k_T1vsT2TrqSum_HwNm_f32	1.07000005		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2048		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	4096		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8192		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10240		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	12288		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	14336		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	16384		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	18432		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	20480		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	22528		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	24576		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	26624		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	28672		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	30720		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	32768		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	34816		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc	tgt_DigHwTrqSENT_Per2_SrlComHwTrq\	/alid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	10.8502388	10.8502388 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0518431067	0.0518430844 ± 0.00000009	✓
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	10.8502388	10.8502388 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.07000005	1.07000005 ± 0.000976	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Pto Call Sa DigHwTrgSENT NytrDiggMar SotNTCStatus(Status Cnt T anum)	1	1	

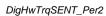
T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

4.23120022

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

4.23120022 ± 0.0024414





Test Step 3.24 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-12		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-4.43760014		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-11.941		
DigHwTrqSENT_T1_HwNm_M_f32	-7.454		
DigHwTrqSENT_T2_HwNm_M_f32	4.27400017		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-11.941		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.342999995		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-4.07499981		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-2.33400011		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	4.829		
k_T1T2SSLim_HwNm_f32	3.68199992		
k_T1T2TransFltLim_HwNm_f32	2.8440001		
k_T1vsT2TrqSum_HwNm_f32	1.49000001		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	0		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	0		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10] t_T1T2IndTrsTimecon_HwNm_u5p11[11]	15135 16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t T1T2IndTrsTimecon_riwNin_dop11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc		id Cat lac	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value		Pocult
		Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32	-11.941	-11.941 ± 0.000976	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	0 -11.941	0 ± 0.000009 -11.941 ± 0.000976	
DigHwTrqSENT_TDlagFillOut_HwNfil_M_132 DigHwTrqSENT_TrqSum_HwNm_M_f32	-1.941	-1.49000001 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Tric_cail_ca_bigi iw i iqoLivi _ivxii biagivigi _oetiv i Cotatuo(iv i C_citt_ i _etiufii)	101	101	

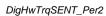
T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

-4.43760014

Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-4.43760014 ± 0.0024414





Test Step 3.25 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-13		
DigHwTrqSENT_HwTrq_HwNm_M_f32	4.64400005		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	12.4969997		
DigHwTrqSENT_T1_HwNm_M_f32	7.97599983		
DigHwTrqSENT_T2_HwNm_M_f32	-4.73099995		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	12.4969997		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.354400009		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	4.26410007		
DigHwTrqSENT_TrqSum_HwNm_M_f32	2.86500001		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	5.05299997		
k_T1T2SSLim_HwNm_f32	3.85240006 2.97440004		
k_T1T2TransFltLim_HwNm_f32 k_T1vsT2TrqSum_HwNm_f32	1.90999997		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	38400		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	38400		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290 33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[9] t T1T2IndTrsTimecon HwNm u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVa	ılid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	5.859869	5.85986996 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.610338926	0.610338867 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	5.859869	5.85986996 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.62249994	1.62249994 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
	1.4		1 .

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	✓

4.64400005

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

4.64400005 ± 0.0024414



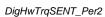
Test Step 3.26 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-14		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-4.85039997		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-13.0530005		
DigHwTrqSENT_T1_HwNm_M_f32	-8.49800014		
DigHwTrqSENT_T2_HwNm_M_f32	5.1880002		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-13.0530005		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.365799993		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-4.45319986		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-3.39599991		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	5.27699995		
k_T1T2SSLim_HwNm_f32	4.02279997		
k_T1T2TransFltLim_HwNm_f32	3.10479999		
k_T1vsT2TrqSum_HwNm_f32	2.32999992		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	1024		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	2048		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3072		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4096		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	5120		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	6144		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	7168		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	8192		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	9216		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	10240		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	11264		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	12288		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	13312		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	14336		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	15360		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	16384		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	17408		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3] t_T1T2IndTrsTimecon_HwNm_u5p11[4]	8847 10199		
	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[5] t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t T1T2IndTrsTimecon_riwNin_d5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t T1T2IndTrsTimecon HwNm u5p11[11]	19661		
t T1T2IndTrsTimecon HwNm u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc		alid Cnt lac	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-12.7701073	-12.7701073 ± 0.000976	_
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0248195529	0.0248195436 ± 0.00000009	✓
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-12.7701073	-12.7701073 ± 0.000976	_
DigHwTrqSENT_TrqSum_HwNm_M_f32	-1.65499997	-1.65499997 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tot DigHwTrgSENT Per2 SrlComHwTrgValid Cnt loc value	1	1	-

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-4.85039997

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-4.85039997 ± 0.0024414





Test Step 3.27 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-15		
DigHwTrqSENT_HwTrq_HwNm_M_f32	5.05679989		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0.740999997		
DigHwTrqSENT_T1_HwNm_M_f32	9.02000046		
DigHwTrqSENT_T2_HwNm_M_f32	-5.64499998		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.377200007		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	4.64230013		
DigHwTrqSENT_TrqSum_HwNm_M_f32	3.92700005		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	5.50099993		
k_T1T2SSLim_HwNm_f32	4.19320011		
k_T1T2TransFltLim_HwNm_f32	3.23519993		
k_T1vsT2TrqSum_HwNm_f32	2.75		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq	_HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-17.9966354	-17.9966354 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.092374146	0.092374146 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-17.9966354	-17.9966354 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.68750024	1.6875 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Pto Call Sa DigHwTraSENT NytrDiggMar SotNTCStatus(Status Cnt T onum)	1	14	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

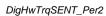
5.05679989

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

5.05679989 ± 0.0024414





Test Step 3.28 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-16		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-5.26319981		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-1.27199996		
DigHwTrqSENT_T1_HwNm_M_f32	-9.54199982		
DigHwTrqSENT_T2_HwNm_M_f32	6.10200024		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.388599992		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-4.83139992		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-4.45800018		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	5.7249999		
k_T1T2SSLim_HwNm_f32	4.36359978		
k_T1T2TransFltLim_HwNm_f32	3.36560011		
k_T1vsT2TrqSum_HwNm_f32	3.17000008		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t T1T2DepTrsTimecon Hz u6p10[8]	6523		
t T1T2DepTrsTimecon Hz u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_l	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	18.661768	18.661768 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0616129041	0.0616128817 ± 0.00000009	-
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	18.661768	18.661768 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-1.71999979	-1.72000003 ± 0.000976	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	3
Pro Law Sa Lindby LraSenti NytrijaaMar SatNICStatus/Status Cat T anim)	1.3	1.9	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

-5.26319981

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-5.26319981 ± 0.0024414



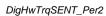
Test Step 3.29 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrgSENT CMCFiltOut HwNm M f32	-17		
DigHwTrqSENT_HwTrq_HwNm_M_f32	5.4696002		
DigHwTrgSENT SSDiagFiltOut HwNm M f32	1.80299997		
DigHwTrqSENT_T1_HwNm_M_f32	0.598699987		
DigHwTrqSENT_T2_HwNm_M_f32	-6.55900002		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	0		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.40000006		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	5.02050018		
DigHwTrqSENT_TrqSum_HwNm_M_f32	4.98899984		
Rte Inst Sa DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	5.94899988		
k T1T2SSLim HwNm f32	4.53399992		
k_T1T2TransFltLim_HwNm_f32	3.49600005		
k_T1vsT2TrqSum_HwNm_f32	3.58999991		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t T1T2IndTrsTimecon HwNm u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Iç		lid Cnt lac	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
	-0.486647755	-0.486647755 ± 0.000976	Nesult
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32			
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	0.163296402	0.163296387 ± 0.0000009 -0.486647755 ± 0.000976	
	-0.486647755 -2.98014998		- 4
DigHwTrqSENT_TrqSum_HwNm_M_f32		-2.98014998 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

5.4696002

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

5.4696002 ± 0.0024414





Test Step 3.30 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-18		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-5.67600012		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-2.33400011		
DigHwTrqSENT_T1_HwNm_M_f32	0.298000008		
DigHwTrqSENT_T2_HwNm_M_f32	7.01599979		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	11.1999998		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.41139999		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-5.20959997		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-5.51999998		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	6.17299986		
k_T1T2SSLim_HwNm_f32	4.70440006 3.62639999		
k_T1T2TransFltLim_HwNm_f32 k_T1vsT2TrqSum_HwNm_f32	4.01000023		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	36055		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554 13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[9] t T1T2IndTrsTimecon HwNm u5p11[10]			
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135 16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t T1T2IndTrsTimecon HwNm u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc		ilid Cnt Igc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	8.91746998	8.91746998 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.30260241	0.30260241 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	8.91746998	8.91746998 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	3.65699983	3.65700006 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
	1.	I.	1

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

-5.67600012

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-5.67600012 ± 0.0024414



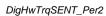


Test Step 3.31 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	8.79520035		
DigHwTrqSENT HwTrq HwNm M f32	5.88240004		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	2.86500001		
DigHwTrqSENT_T1_HwNm_M_f32	-0.00270000007		
DigHwTrqSENT_T2_HwNm_M_f32	-7.47300005		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-11.1199999		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.422800004		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	5.39870024		
DigHwTrqSENT_TrqSum_HwNm_M_f32	6.05100012		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	6.39699984		
k_T1T2SSLim_HwNm_f32	4.87480021		
k_T1T2TransFltLim_HwNm_f32	3.75679994		
k_T1vsT2TrqSum_HwNm_f32	4.42999983		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgtarrow and the state of $	tgt_DigHwTrqSENT_Per2_SrlComHwTrq\	Valid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_	_HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-10.5952997	-10.5952997 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.07107687	0.0710768402 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-10.5952997	-10.5952997 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-3.73784995	-3.73784995 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tat DiaHwTraSENT Per2 SrlComHwTraValid Cnt lac value	0	0	-

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

5.88240004 ± 0.0024414





Test Step 3.32 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.07120037		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-6.08879995		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-3.39599991		
DigHwTrqSENT_T1_HwNm_M_f32	0.30340001		
DigHwTrqSENT_T2_HwNm_M_f32	7.92999983		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	12.4969997		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-5.58780003		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-6.58199978		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	6.62099981		
k_T1T2SSLim_HwNm_f32	5.04519987		
k_T1T2TransFltLim_HwNm_f32	3.88720012		
k_T1vsT2TrqSum_HwNm_f32	4.8499999		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t T1T2DepTrsTimecon Hz u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg	tgt_DigHwTrqSENT_Per2_SrlComHwTrqV	alid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	11.7296	11.7296009 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0915718675	0.0915718377 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	11.7296	11.7296009 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	4.1166997	4.11670017 ± 0.000976	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Pto Call Sa DigHwTrgSENT NytrDiggMar SotNTCStatus(Status Cot T onum)	1	1	-

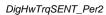
T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

-6.08879995

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-6.08879995 ± 0.0024414





Test Step 3.33 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.34720039		
DigHwTrqSENT_HwTrq_HwNm_M_f32	6.29519987		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	3.92700005		
DigHwTrqSENT_T1_HwNm_M_f32	-0.604099989		
DigHwTrqSENT_T2_HwNm_M_f32	-8.38700008		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-13.0530005		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.610338867		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	5.77689981		
DigHwTrqSENT_TrqSum_HwNm_M_f32	7.11299992		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	6.84499979		
k_T1T2SSLim_HwNm_f32	5.21560001		
k_T1T2TransFltLim_HwNm_f32	4.01760006		
k_T1vsT2TrqSum_HwNm_f32	5.26999998		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg	tgt_DigHwTrqSENT_Per2_SrlComHwTrq	Valid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3222222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq	_HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-10.3150883	-10.3150873 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.319944859	0.319944859 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-10.3150883	-10.3150873 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-4.49555016	-4.49555016 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Die Coll Co DiellerTenCENT Nets Die sMary Coth TC Chatrie Chat T annum	4	4	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

6.29519987 ± 0.0024414



Test Step 3.34 (Repeat Count = 1)			
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.62320042		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-6.50159979		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-4.45800018		
DigHwTrqSENT_T1_HwNm_M_f32	0.904799998		
DigHwTrqSENT_T2_HwNm_M_f32	8.84399986		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	13.6090002		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.476399988		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-5.96600008		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-7.64400005		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSEN	NT	
k_CMCLPFOutLim_HwNm_f32	7.06899977		
k_T1T2SSLim_HwNm_f32	5.38600016		
k_T1T2TransFltLim_HwNm_f32	4.14799976		
k_T1vsT2TrqSum_HwNm_f32	5.69000006		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t T1T2DepTrsTimecon Hz u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	28887		
	30679		
t_T1T2DepTrsTimecon_Hz_u6p10[13]			
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	36055		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValides and the state of the state o$	d_Cnt_lc tgt_DigHwTrqSENT_Per2_SrlC	omHwTrqValid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_Hwrrq_Hwrrq_Serred$	/Nm_f32 tgt_DigHwTrqSENT_Per2_SrlC	omHwTrq_HwNm_f32	
Name	Actual Value	Expected Value	Resul
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	11.7703648	11.7703648 ± 0.000976	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.2105003	0.210500255 ± 0.0000009	
	11.7703648	11.7703648 ± 0.000976	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	11.7703040		
		4.87440014 ± 0.000976	
DigHwTrqSENT_TrqSum_HwNm_M_f32	4.87440014	4.87440014 ± 0.000976	
	4.87440014 num) 101	4.87440014 ± 0.000976 101	

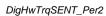
T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-6.50159979

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-6.50159979 ± 0.0024414



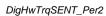


Test Step 3.35 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.89920044		
DigHwTrqSENT_HwTrq_HwNm_M_f32	6.70800018		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	4.98899984		
DigHwTrqSENT_T1_HwNm_M_f32	-1.20550001		
DigHwTrqSENT_T2_HwNm_M_f32	-9.30099964		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-14.165		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.106899999		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_TrqSum_HwNm_M_f32	8.17500019		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	7.29300022		
k_T1T2SSLim_HwNm_f32	5.55639982		
k_T1T2TransFltLim_HwNm_f32	4.27839994		
k_T1vsT2TrqSum_HwNm_f32	6.11000013		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11] t T1T2IndTrsTimecon HwNm u5p11[12]	19661 21012		
=	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[13] t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_l		alid Cnt lac	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
		The second secon	Dogult
Name DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32	-12.0604372	Expected Value -12.0604372 ± 0.000976	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.Sv_Uls_f32 DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32			-
DigHwTrqSENT_TDiagFiltNsV_M_Str.K_Ois_i32 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	0.236155927 -12.0604372	0.236155897 ± 0.0000009 -12.0604372 ± 0.000976	
DigHwTrqSENT_TDiagrillOut_HwMII_M_I32	-5.25324965	-5.25325012 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	_
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	
tot DigHwTrgSENT Per? SrlComHwTrgValid Cot Inc value	1	1	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

6.70800018 ± 0.0024414





Test Step 3.36 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	10.1752005		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-6.9144001		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-5.51999998		
DigHwTrqSENT_T1_HwNm_M_f32	1.50619996		
DigHwTrqSENT_T2_HwNm_M_f32	9.75800037		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	14.7209997		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.108999997		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-8.70600033		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	7.5170002		
k_T1T2SSLim_HwNm_f32	5.72679996		
k_T1T2TransFltLim_HwNm_f32	4.40880013		
k_T1vsT2TrqSum_HwNm_f32	6.53000021		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t T1T2DepTrsTimecon Hz u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg	tgt_DigHwTrqSENT_Per2_SrlComHwTrqV	alid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_I	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	13.4508705	13.4508715 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.139745057	0.139745042 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	13.4508705	13.4508715 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	5.63210011	5.63210011 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Pto Call Sa DigHwTrgSENT NytrDiggMar SotNTCStatus(Status Cot T onum)	1	1	

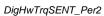
T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

-6.9144001

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-6.9144001 ± 0.0024414





Name	
DigHwTrqSENT_CMCFitIOut_HwNm_M_132 10.4511995 DigHwTrqSENT_HwTrq_HwNm_M_132 7.12080002 DigHwTrqSENT_SDIagFitINOUL_HwNm_M_132 0.264999986 DigHwTrqSENT_T1_HwNm_M_132 -1.80690002 DigHwTrqSENT_T2_HwNm_M_132 0.925999999 DigHwTrqSENT_TDiagFitKSV_M_str.K_VIIs_132 -15.277004 DigHwTrqSENT_TDiagFitKSV_M_str.K_VIIs_132 0.111100003 DigHwTrqSENT_TDiagFitKSV_M_str.K_VIIs_132 0 DigHwTrqSENT_TDiagFitKSV_M_str.K_VIIs_132 0 DigHwTrqSENT_TDiagFitKSV_M_str.K_VIIs_132 0 DigHwTrqSENT_TDiagFitKSV_M_str.K_VIIs_132 -9.23700047 Rts_Inst_Sa_DigHwTrqSENT tgt.Rte_Inst_Sa_DigHwTrqSENT k_CMCLPFOutLim_HwNm_132 -9.23700047 k_T172SSLim_HwNm_132 5.89720011 k_T172SSLim_HwNm_132 4.53919983 k_T172DepTrsTimecon_Hz_U6p10[0] 5417 t_T172DepTrsTimecon_Hz_U6p10[1] 7322 t_T172DepTrsTimecon_Hz_U6p10[3] 11131 t_T172DepTrsTimecon_Hz_U6p10[6] 16845 t_T172DepTrsTimecon_Hz_U6p10[6] 16845 t_T172DepTrsTimecon_Hz_U6p10[6] 22659 t_T172DepTrsTimecon_Hz	
DigHwTrqSENT_HwTrq_HwNm_M_f32 7.12080002 DigHwTrqSENT_SSDiagFillOuL_HwNm_M_f32 0.264999966 DigHwTrqSENT_T1_HwNm_M_f32 -1.80690002 DigHwTrqSENT_T2_HwNm_M_f32 0.92599999 DigHwTrqSENT_TDiagFilkSV_M_str.SV_Uls_f32 -15.2770004 DigHwTrqSENT_TDiagFilkSV_M_str.K_Uls_f32 0.11110003 DigHwTrqSENT_TrqSum_HwNm_f32 0 DigHwTrqSENT_TrqSum_HwNm_M_f32 -9.23700047 Rle_Jast_Sa_DigHwTrqSENT tgt.Re_Inst_Sa_DigHwTrqSENT k_CMCLPFOutlim_HwNm_f32 7.74100018 k_T112SEIN_HwNm_f32 4.53919983 k_T112ST2TrqSum_HwNm_f32 4.53919983 k_T112TzDepTrsTimecon_Hz_u6p10[0] 5417 t_T112DepTrsTimecon_Hz_u6p10[3] 11131 t_T112DepTrsTimecon_Hz_u6p10[3] 11131 t_T112DepTrsTimecon_Hz_u6p10[4] 13036 t_T112DepTrsTimecon_Hz_u6p10[6] 16845 t_T112DepTrsTimecon_Hz_u6p10[6] 16845 t_T112DepTrsTimecon_Hz_u6p10[9] 20559 t_T112DepTrsTimecon_Hz_u6p10[9] 20569 t_T112DepTrsTimecon_Hz_u6p10[1] 24463 t_T112DepTrsTimecon_Hz_u6p10[1] 2463 <	
DigHwTrqSENT_T1_HwNm_M.f32 -1.80690002 DigHwTrqSENT_TDiagFiltKNV_M.str.SQ 0.925999999 DigHwTrqSENT_TDiagFiltKSV_M.str.SQ_UIs.f32 -15.2770004 DigHwTrqSENT_TDiagFiltKSV_M.str.K_UIs.f32 0.111100003 DigHwTrqSENT_TDiagFiltGut_HwNm_M.f32 0.111100003 DigHwTrqSENT_TrqSum_HwNm_M.f32 -9.23700047 Rte_Inst_Sa_DigHwTrqSENT tgt_Rte_Inst_Sa_DigHwTrqSENT K_CMCLPFOutLim_HwNm_f32 7.74100018 k_T112TSSLim_HwNm_f32 5.89720011 k_T112TTqTansFitLim_HwNm_f32 4.53919983 k_T112TtqTansFitLim_HwNm_f32 6.94999981 t_T172DepTrsTimecon_Hz_u6p10[0] 5417 t_T172DepTrsTimecon_Hz_u6p10[1] 7322 t_T172DepTrsTimecon_Hz_u6p10[3] 11131 t_T172DepTrsTimecon_Hz_u6p10[6] 18446 t_T172DepTrsTimecon_Hz_u6p10[6] 16845 t_T172DepTrsTimecon_Hz_u6p10[7] 18749 t_T172DepTrsTimecon_Hz_u6p10[0] 22559 t_T172DepTrsTimecon_Hz_u6p10[0] 24463 t_T172DepTrsTimecon_Hz_u6p10[1] 26368 t_T1712DepTrsTimecon_Hz_u6p10[1] 26368 t_T1712DepTrsTimecon_Hz_u6p10[12]	
DigHwTrqSENT_T2_HwNm_M_f32 0.925999999 DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32 -15.2770004 DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32 0.111100003 DigHwTrqSENT_TrqSum_HwNm_M_f32 0 DigHwTrqSENT_TrqSum_HwNm_M_f32 -9.23700047 Rte_Inst_Sa_DigHwTrqSENT tgt_Rte_Inst_Sa_DigHwTrqSENT k_CMCLPFOutLim_HwNm_f32 7.74100018 k_T1T2SLim_HwNm_f32 5.89720011 k_T1T2SLim_HwNm_f32 4.53919983 k_T1vsT2TrqSum_HwNm_f32 6.94999981 t_T1T2DepTrsTimecon_Hz_u6p10[0] 5417 t_T1T2DepTrsTimecon_Hz_u6p10[1] 7322 t_T1T2DepTrsTimecon_Hz_u6p10[3] 11131 t_T1T2DepTrsTimecon_Hz_u6p10[6] 13036 t_T1T2DepTrsTimecon_Hz_u6p10[6] 14940 t_T1T2DepTrsTimecon_Hz_u6p10[6] 16845 t_T1T2DepTrsTimecon_Hz_u6p10[8] 20654 t_T1T2DepTrsTimecon_Hz_u6p10[9] 22559 t_T1T2DepTrsTimecon_Hz_u6p10[10] 24463 t_T1T2DepTrsTimecon_Hz_u6p10[12] 26368 t_T1T2DepTrsTimecon_Hz_u6p10[12] 26368 t_T1T2DepTrsTimecon_Hz_u6p10[13] 30177	
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t_T1T2IndTrsTimecon_HwNm_u5p11[12] 37888	
t_T1T2IndTrsTimecon_HwNm_u5p11[13] 38093	
t_T1T2IndTrsTimecon_HwNm_u5p11[14] 39936	
t_T1T2IndTrsTimecon_HwNm_u5p11[15] 40141	
t_T1T2IndTrsTimecon_HwNm_u5p11[16] 40346	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg_tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32 tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	- ·
Name Actual Value Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32 -13.4299393 -13.4299393 ± 0.000976	- ✓
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32 -13.4299393 -13.4299393 -13.4299393 ± 0.000976	-
DigHwTrqSENT_TrqSum_HwNm_M_f32 -0.440450013 -0.440450013 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum) 101 101 101 101 Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08) 1 1	•
Rte Call Sa DigHwTrgSENT NxtrDiagMgr SetNTCStatus(Param Cnt T u08) 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

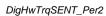
T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

7.12080002 ± 0.0024414





Test Step 3.38 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	10.7271996		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-7.32719994		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.82099998		
DigHwTrqSENT_T1_HwNm_M_f32	2.10759997		
DigHwTrqSENT_T2_HwNm_M_f32	0.486999989		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	15.8330002		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.113200001		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	4.11999989		
DigHwTrqSENT_TrqSum_HwNm_M_f32	9.76799965		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	7.96500015		
k_T1T2SSLim_HwNm_f32	6.06759977		
k_T1T2TransFltLim_HwNm_f32	4.66960001		
k_T1vsT2TrqSum_HwNm_f32	7.36999989		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263		
t_T1T2DepTrsTimecon_Hz_u6p10[16] t_T1T2IndTrsTimecon_HwNm_u5p11[0]	36055 4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVa	ilid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3222222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	lwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	13.4239025	13.4239025 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	13.4239025	13.4239025 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.29729998	1.29729998 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-7.32719994

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-7.32719994 ± 0.0024414



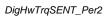
Test Step 3.39 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	11.0031996		
DigHwTrqSENT_HwTrq_HwNm_M_f32	7.53359985		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1.37699997		
DigHwTrqSENT_T1_HwNm_M_f32	-2.40829992		
DigHwTrqSENT_T2_HwNm_M_f32	0.0480000004		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-16.3889999		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.1153		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-4.48000002		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-10.2989998		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	8.18900013		
k_T1T2SSLim_HwNm_f32	6.23799992		
k_T1T2TransFltLim_HwNm_f32	4.80000019		
k_T1vsT2TrqSum_HwNm_f32	7.78999996		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg	, , ,		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_l	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-15.5485926	-15.5485926 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0552577972	0.0552577972 ± 0.00000009	-
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-15.5485926	-15.5485926 ± 0.000976	
DigHwTrqSENT_TrqSum_HwNm_M_f32	-1.18014991	-1.18015003 ± 0.000976	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	-
Pto Call Sa DiadwiraSENI NytriaaMar SotNTCStatus(Status Cat T anum)	1.7	1.3	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

7.53359985 ± 0.0024414





Test Step 3.40 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	11.2791996		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-7.73999977		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-1.93299997		
DigHwTrqSENT_T1_HwNm_M_f32	2.70900011		
DigHwTrqSENT_T2_HwNm_M_f32	-0.391000003		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	16.9449997		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.117399998		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	6.12300014		
DigHwTrqSENT_TrqSum_HwNm_M_f32	10.8299999		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	8.41300011		
k_T1T2SSLim_HwNm_f32	0		
k_T1T2TransFltLim_HwNm_f32	4.93039989		
k_T1vsT2TrqSum_HwNm_f32	8.21000004		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32		The state of the s	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	15.9723787	15.9723787 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0616129041	0.0616128817 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	15.9723787	15.9723787 ± 0.000976	
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.15900004	1.15900004 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

-7.73999977

Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-7.73999977 ± 0.0024414

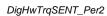


Test Step 3.41 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	11.5551996		
DigHwTrqSENT_HwTrq_HwNm_M_f32	7.94640017		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	2.48900008		
DigHwTrqSENT_T1_HwNm_M_f32	-3.00970006		
DigHwTrqSENT_T2_HwNm_M_f32	0.829999983		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-17.5009995		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.119499996		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-6.56899977		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-11.3610001		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k CMCLPFOutLim HwNm f32	8.63700008		
k_T1T2SSLim_HwNm_f32	20		
k_T1T2TransFltLim_HwNm_f32	5.06080008		
k_T1vsT2TrqSum_HwNm_f32	8.63000011		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419	alid Cat Ira	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
			Daguit
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32	-15.4579105	-15.4579115 ± 0.000976	•
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-15.4579105	-15.4579115 ± 0.000976	
DigHwTrqSENT_TrqSum_HwNm_M_f32 Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	-1.08985007 101	-1.08984995 ± 0.000976	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_1_enum) Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_enum)	1	1	
tot DigHwTrgSENT Per? SrlComHwTrg\alid Cnt loc value	0	0	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

7.94640017 ± 0.0024414





Test Step 3.42 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	11.8311996		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-8.15279961		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-3.04500008		
DigHwTrqSENT_T1_HwNm_M_f32	3.31040001		
DigHwTrqSENT_T2_HwNm_M_f32	-1.26900005		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	18.0569992		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.121600002		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	7.01499987		
DigHwTrqSENT_TrqSum_HwNm_M_f32	11.8920002		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	8.86100006		
k_T1T2SSLim_HwNm_f32	10.5200005		
k_T1T2TransFltLim_HwNm_f32	5.19119978		
k_T1vsT2TrqSum_HwNm_f32	9.05000019		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t T1T2DepTrsTimecon Hz u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	36055		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVa	alid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	15.2334604	15.2334614 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	15.2334604	15.2334614 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.02069998	1.02069998 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Pto Call Sa DigHwTrgSENT NytrDiggMar SotNTCStatus(Status Cot T onum)	1	1	

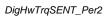
T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-8.15279961

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-8.15279961 ± 0.0024414





Test Step 3.43 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	12.1071997		
DigHwTrqSENT_HwTrq_HwNm_M_f32	8.35919952		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	3.60100007		
DigHwTrqSENT_T1_HwNm_M_f32	-3.61109996		
DigHwTrqSENT_T2_HwNm_M_f32	1.70799994		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-18.6130009		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.1237		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-7.46099997		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-12.4230003		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	9.08500004		
k_T1T2SSLim_HwNm_f32	6.06759977		
k_T1T2TransFltLim_HwNm_f32	0		
k_T1vsT2TrqSum_HwNm_f32	9.47000027		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lq		•	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_l	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-17.7554283	-17.7554283 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.048556149	0.0485561527 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-17.7554283	-17.7554283 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.951550007	-0.951550007 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Pto Call Sa DigHwTrgSENT NytrDigaMar SotNTCStatus(Status Cpt T onum)	1.7	1.3	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

8.35919952 ± 0.0024414



Test Step 3.44 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	12.3831997		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-8.5656004		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-4.15700006		
DigHwTrqSENT_T1_HwNm_M_f32	3.91179991		
DigHwTrqSENT_T2_HwNm_M_f32	-2.14700007		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	19.1690006		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.125799999		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	7.90700006		
DigHwTrqSENT_TrqSum_HwNm_M_f32	12.9540005		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	9.30900002		
k_T1T2SSLim_HwNm_f32	6.23799992 20		
k_T1T2TransFltLim_HwNm_f32 k_T1vsT2TrqSum_HwNm_f32	9.89000034		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606 16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[9] t T1T2IndTrsTimecon HwNm u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t T1T2IndTrsTimecon HwNm u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc		alid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	18.0423107	18.0423107 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0616129041	0.0616128817 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	18.0423107	18.0423107 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.882399917	0.882399976 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

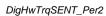
-8.5656004

0

-8.5656004 ± 0.0024414

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$





Test Step 3.45 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	12.6591997		
DigHwTrqSENT_HwTrq_HwNm_M_f32	8.77200031		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	4.71299982		
DigHwTrqSENT_T1_HwNm_M_f32	-4.2125001		
DigHwTrqSENT_T2_HwNm_M_f32	2.58599997		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-19.7250004		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.127900004		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-8.35299969		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-13.4849997		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	9.53299999		
k_T1T2SSLim_HwNm_f32	6.40840006		
k_T1T2TransFltLim_HwNm_f32	13.2299995		
k_T1vsT2TrqSum_HwNm_f32	10.3100004		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t T1T2DepTrsTimecon Hz u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_l	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-17.3706017	-17.3706017 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-17.3706017	-17.3706017 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.813250065	-0.813250005 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Pto Call Sa DigHwTrgSENT NytrDiggMar SotNTCStatus(Status Cat T onum)	11	11	

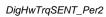
T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

8.77200031 ± 0.0024414





Test Step 3.46 (Repeat Count = 1)			✓
	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	12.9351997		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-8.97840023		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-5.26900005		
DigHwTrqSENT_T1_HwNm_M_f32	4.51319981		
DigHwTrqSENT_T2_HwNm_M_f32	-3.0250001		
	0.345999986		
	0.129999995		
	8.79899979		
DigHwTrqSENT_TrqSum_HwNm_M_f32	14.0159998		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	9.75699997		
k_T1T2SSLim_HwNm_f32	6.5788002		
k_T1T2TransFltLim_HwNm_f32	5.06080008		
k_T1vsT2TrqSum_HwNm_f32	10.7299995		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887		
	30679		
	32471		
	34263		
	36055		
	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237 18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[4] t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
	24269		
	27279		
	30290		
	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t T1T2IndTrsTimecon HwNm u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t T1T2IndTrsTimecon HwNm u5p11[14]	39936		
t T1T2IndTrsTimecon HwNm u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVal	id_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_Hv	wNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	0.411979705	0.411979735 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	0.411979705	0.411979735 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.744099855	0.744099975 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	✓

-8.97840023

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-8.97840023 ± 0.0024414



Test Step 3.47 (Repeat Count = 1)			√
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-11.25		
DigHwTrqSENT_HwTrq_HwNm_M_f32	9.18480015		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	5.82499981		
DigHwTrqSENT_T1_HwNm_M_f32	-4.81389999		
DigHwTrqSENT_T2_HwNm_M_f32	3.46399999		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-0.811999977		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.132100001		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-9.24499989		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-14.5469999		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	9.98099995		
k_T1T2SSLim_HwNm_f32	6.74919987		
k_T1T2TransFltLim_HwNm_f32	5.19119978		
k_T1vsT2TrqSum_HwNm_f32	11.1499996		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3	2 tgt_DigHwTrqSENT_Per2_SrlComHwTr	q_HwNm_f32	
Name	Actual Value	Expected Value	Resul
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-0.805345356	-0.805345356 ± 0.000976	•
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.048556149	0.0485561527 ± 0.00000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-0.805345356	-0.805345356 ± 0.000976	•
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.674950004	-0.674950004 ± 0.000976	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•
tat DigHwTraSENT Per2 SrlComHwTraValid Cnt Inc value	0	0	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

9.18480015

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

9.18480015 ± 0.0024414



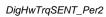
Test Step 3.48 (Repeat Count = 1)			·
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.25		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-9.39120007		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-6.38100004		
DigHwTrqSENT_T1_HwNm_M_f32	5.11460018		
DigHwTrqSENT_T2_HwNm_M_f32	-3.90300012		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	1.278		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.134200007		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	9.69099998		
DigHwTrqSENT_TrqSum_HwNm_M_f32	15.0780001		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	10.2049999		
k_T1T2SSLim_HwNm_f32	6.91960001		
k_T1T2TransFltLim_HwNm_f32	5.32159996		
k_T1vsT2TrqSum_HwNm_f32	11.5699997		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t T1T2IndTrsTimecon HwNm u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cn		HwTraValid Cnt Iac	
tgt Rte Inst Sa DigHwTrqSENT.DigHwTrqSENT Per2 SrlComHwTrg HwNm			
Name	Actual Value	Expected Value	Resul
		·	Resul
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	1.23658383	1.23658383 ± 0.000976	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0616129041	0.0616128817 ± 0.00000009	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	1.23658383	1.23658383 ± 0.000976	
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.605800033	0.605799973 ± 0.000976	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum) 1	1	
	- 10		-

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-9.39120007

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-9.39120007 ± 0.0024414

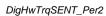




Test Step 3.49 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-9.25		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-10		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	6.9369998		
DigHwTrqSENT_T1_HwNm_M_f32	-5.41529989		
DigHwTrqSENT_T2_HwNm_M_f32	4.34200001		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-1.74399996		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.136299998		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-10.1370001		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-15.6090002		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	10.4289999		
k_T1T2SSLim_HwNm_f32	7.09000015		
k_T1T2TransFltLim_HwNm_f32	5.45200014		
k_T1vsT2TrqSum_HwNm_f32	11.9899998		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t T1T2DepTrsTimecon Hz u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t T1T2DepTrsTimecon Hz u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t T1T2IndTrsTimecon HwNm u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc	tgt_DigHwTrqSENT_Per2_SrlComHwTrqV	alid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-1.59369218	-1.5936923 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	_
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-1.59369218	-1.5936923 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.536649942	-0.536650002 ± 0.000976	•
Rte Call Sa DigHwTrgSENT NytrDiagMgr SetNTCStatus(NTC Cot T enum)	101	101	

Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-1.59369218	-1.5936923 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-1.59369218	-1.5936923 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.536649942	-0.536650002 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
$Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$	1	1	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	-10	-10 ± 0.0024414	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~





Test Step 3.50 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-8.25		
DigHwTrqSENT_HwTrq_HwNm_M_f32	10		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-7.49300003		
DigHwTrqSENT_T1_HwNm_M_f32	5.71600008		
DigHwTrqSENT_T2_HwNm_M_f32	-4.78100014		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	2.21000004		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.138400003		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	10.5830002		
DigHwTrqSENT_TrqSum_HwNm_M_f32	16.1399994		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	10.6529999		
k_T1T2SSLim_HwNm_f32	7.26039982		
k_T1T2TransFltLim_HwNm_f32	5.58239985		
k_T1vsT2TrqSum_HwNm_f32	12.4099998		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t T1T2DepTrsTimecon Hz u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	36055		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	1.92120397	1.92120397 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	1.92120397	1.92120397 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.467499971	0.467500001 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Pto Call Sa DigHwTrgSENT NytrDiggMar SotNTCStatus(Status Cnt T opum)	1	14	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

10 ± 0.0024414

0

10

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

TEST DETAILS REPORT

2014-08-22, 16:49:58+0530

DigHwTrqSENT_Per2



Test Step 3.51 (Repeat Count = 1) Name	Input Value
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-7.25
DigHwTrqSENT_HwTrq_HwNm_M_f32	0
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	8.04899979
DigHwTrqSENT_T1_HwNm_M_f32	-6.01669979
DigHwTrqSENT_T2_HwNm_M_f32	5.21999979
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-2.67600012
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.140499994
DigHwTrqSENT_TDiagFiltAsv_ivi_sti.k_0is_i32	-11.0290003
DigHwTrqSENT_TrqSum_HwNm_M_f32	-16.6709995
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
<pre>c_cMCLPFOutLim_HwNm_f32</pre>	10.8769999
	7.43079996
c_T1T2SSLim_HwNm_f32	
x_T1T2TransFltLim_HwNm_f32	5.71280003
:_T1vsT2TrqSum_HwNm_f32	12.8299999
_T1T2DepTrsTimecon_Hz_u6p10[0]	2028
_T1T2DepTrsTimecon_Hz_u6p10[1]	4055
_T1T2DepTrsTimecon_Hz_u6p10[2]	6083
_T1T2DepTrsTimecon_Hz_u6p10[3]	8110
_T1T2DepTrsTimecon_Hz_u6p10[4]	10138
_T1T2DepTrsTimecon_Hz_u6p10[5]	12165
_T1T2DepTrsTimecon_Hz_u6p10[6]	14193
_T1T2DepTrsTimecon_Hz_u6p10[7]	16220
_T1T2DepTrsTimecon_Hz_u6p10[8]	18248
_T1T2DepTrsTimecon_Hz_u6p10[9]	20275
_T1T2DepTrsTimecon_Hz_u6p10[10]	22303
_T1T2DepTrsTimecon_Hz_u6p10[11]	24330
_T1T2DepTrsTimecon_Hz_u6p10[12]	26358
_T1T2DepTrsTimecon_Hz_u6p10[13]	28385
_T1T2DepTrsTimecon_Hz_u6p10[14]	30413
_T1T2DepTrsTimecon_Hz_u6p10[15]	32440
_T1T2DepTrsTimecon_Hz_u6p10[16]	34468
_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232
_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523
_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813
_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103
_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393
_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684
_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974
_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264
_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554
_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844
_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135
_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425
_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715
_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005
_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296
_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586
_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876
at Rte Inst Sa DigHwTrgSENT DigHwTrgSENT Per2 SrlComHy	vTrqValid_Cnt_lc tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc

Name Act





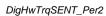
Test Step 3.52 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-6.25		
DigHwTrqSENT_HwTrq_HwNm_M_f32	6.19999981		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-8.60499954		
DigHwTrqSENT_T1_HwNm_M_f32	6.31739998		
DigHwTrqSENT_T2_HwNm_M_f32	-5.65899992		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	3.14199996		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.1426		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	11.4750004		
DigHwTrqSENT_TrqSum_HwNm_M_f32	17.2019997		
Rte_Inst_Sa_DigHwTrqSENT k CMCLPFOutLim HwNm f32	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_T1T2SSLim_HwNm_f32	11.1009998 7.6012001		
k T1T2TransFltLim HwNm f32	5.84320021		
k_T1vsT2TrqSum_HwNm_f32	13.25		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16] t_T1T2IndTrsTimecon_HwNm_u5p11[0]	10455 6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_Ic tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	· · · · · · · · · · · · · · · · · · ·		
			Daguit
Name DigHydroSENT TDiggEith/SV/ M. etr SV/ IIIo #22	2.96869516	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32 DigHwTrqSENT_TDiagFiltKSV_M_str.K_UIs_f32		2.9686954 ± 0.000976	
DigHwTrqSENT_TDiagFiltNsv_M_str.k_Uis_132 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	0.0616129041 2.96869516	0.0616128817 ± 0.00000009 2.9686954 ± 0.000976	
DigHwTrqSENT_TDiagrillCut_HwNll_M_f32	0.329200029	0.3292 ± 0.000976	<u> </u>
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	_

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte Call DigHwTrgSENT Per2 CP1 ChecknointReached	1	Rte Call DigHwTrgSENT Per2 CP1 CheckpointReached	1	_

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

6.19999981 ± 0.0024414





Test Step 3.53 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	14.8671999		
DigHwTrqSENT HwTrq HwNm M f32	-6.32000017		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	9.16100025		
DigHwTrqSENT_T1_HwNm_M_f32	-6.61810017		
DigHwTrqSENT_T2_HwNm_M_f32	6.09800005		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32	-3.60800004		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.144700006		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.9209995		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.7329998		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	11.3249998		
k_T1T2SSLim_HwNm_f32	7.77159977		
k_T1T2TransFltLim_HwNm_f32	5.97359991		
k_T1vsT2TrqSum_HwNm_f32	13.6700001		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t T1T2DepTrsTimecon Hz u6p10[6]	16845		
t_T1T2DepTrsTimecon_riz_uop10[0]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_riz_uop10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_l		aValid Cpt lac	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
			Danulé
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.19120049	-3.19120049 ± 0.000976	
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.19120049	-3.19120049 ± 0.000976	
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.260050058	-0.260049999 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	_
Pto Call Sa DigHwTraSENT NytrDiggMar SchNTCStatus/Status Cot T onum)	1	14	

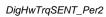
T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

-6.32000017

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-6.32000017 ± 0.0024414





Test Step 3.54 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-8.5656004		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-9.71700001		
DigHwTrqSENT_T1_HwNm_M_f32	-5.41529989		
DigHwTrqSENT_T2_HwNm_M_f32	4.34200001		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-1.74399996		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.136299998		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-10.1370001		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-15.6090002		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	11.5489998		
k_T1T2SSLim_HwNm_f32	7.09000015		
k_T1T2TransFltLim_HwNm_f32	5.45200014		
k_T1vsT2TrqSum_HwNm_f32	11.9899998		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082 33987		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	35891		
t_T1T2DepTrsTimecon_Hz_u6p10[16] t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t T1T2IndTrsTimecon HwNm u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lq	tgt_DigHwTrqSENT_Per2_SrlComHwTrq\	/alid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-1.59369218	-1.5936923 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	✓
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-1.59369218	-1.5936923 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.536649942	-0.536650002 ± 0.000976	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓

Name	Actual value	Expected value	Kesuit
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-1.59369218	-1.5936923 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-1.59369218	-1.5936923 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.536649942	-0.536650002 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
$Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$	1	1	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value	0	0	~
tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value	-8.5656004	-8.5656004 ± 0.0024414	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~



Test Step 3.55 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_HwTrq_HwNm_M_f32	8.77200031		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	10.2729998		
DigHwTrqSENT_T1_HwNm_M_f32	5.71600008		
DigHwTrqSENT_T2_HwNm_M_f32	-4.78100014		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	2.21000004		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.138400003		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	10.5830002		
DigHwTrqSENT_TrqSum_HwNm_M_f32	16.1399994		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	11.7729998		
k_T1T2SSLim_HwNm_f32	7.26039982		
k_T1T2TransFltLim_HwNm_f32	5.58239985		
k_T1vsT2TrqSum_HwNm_f32	12.4099998		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	7383		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	9175		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	10967		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	12759		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	14551		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	16343		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	18135		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	19927		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	21719		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	23511		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	25303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	27095		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28887		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30679		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32471		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	34263		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	36055		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_li			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			1
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	1.92120397	1.92120397 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.165736616	0.165736586 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	1.92120397	1.92120397 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.467499971	0.467500001 ± 0.000976	_
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

8.77200031 ± 0.0024414



Test Step 3.56 (Repeat Count = 1)			~
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	0		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-8.97840023		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-10.8290005		
DigHwTrqSENT_T1_HwNm_M_f32	-6.01669979		
DigHwTrqSENT_T2_HwNm_M_f32	5.21999979		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-2.67600012		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.140499994		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.0290003		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-16.6709995		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSEN	11	
k_CMCLPFOutLim_HwNm_f32	11.9969997		
k_T1T2SSLim_HwNm_f32	7.43079996 5.71280003		
k_T1T2TransFltLim_HwNm_f32	12.8299999		
k_T1vsT2TrqSum_HwNm_f32 t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[1] t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t T1T2DepTrsTimecon Hz u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t T1T2DepTrsTimecon Hz u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_C			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm	_		1
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-2.56540632	-2.56540608 ± 0.000976	•
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.048556149	0.0485561527 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-2.56540632	-2.56540608 ± 0.000976	<u> </u>
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.39835	-0.39835 ± 0.000976	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum		101	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08		1	_
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enu	m) 1	1	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-8.97840023

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-8.97840023 ± 0.0024414



Test Step 3.57 (Repeat Count = 1)	In the second Victor		
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.5		
DigHwTrqSENT_HwTrq_HwNm_M_f32	9.18480015		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	11.3850002		
DigHwTrqSENT_T1_HwNm_M_f32	6.31739998		
DigHwTrqSENT_T2_HwNm_M_f32	-5.65899992		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	3.14199996		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.1426		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	11.4750004		
DigHwTrqSENT_TrqSum_HwNm_M_f32	17.2019997	_	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	12.2209997		
k_T1T2SSLim_HwNm_f32	7.6012001		
k_T1T2TransFltLim_HwNm_f32	5.84320021		
k_T1vsT2TrqSum_HwNm_f32	13.25		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1] t_T1T2IndTrsTimecon_HwNm_u5p11[2]	9216 12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[5] t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[10] t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_usp11[11] t_T1T2IndTrsTimecon_HwNm_u5p11[12]			
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	37888 38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]			
	40141		
	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346	mHwTraValid Cnt Iac	
t_T1T2IndTrsTimecon_HwNm_u5p11[16] tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_	40346 _Cnt_lc_tgt_DigHwTrqSENT_Per2_SrlCo	· •	
t_T1T2IndTrsTimecon_HwNm_u5p11[16] tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_ tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwN	40346 _Cnt_lc tgt_DigHwTrqSENT_Per2_SrlCo tgt_DigHwTrqSENT_Per2_SrlCo	mHwTrq_HwNm_f32	Daguil
t_T1T2IndTrsTimecon_HwNm_u5p11[16] tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_ tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwN Name	40346 _Cnt_lc tgt_DigHwTrqSENT_Per2_SrlCo Nm_f32 tgt_DigHwTrqSENT_Per2_SrlCo Actual Value	mHwTrq_HwNm_f32 Expected Value	Result
t_T1T2IndTrsTimecon_HwNm_u5p11[16] tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_ tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwN Name DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	40346 _Cnt_lc_tgt_DigHwTrqSENT_Per2_SrlCo Nm_f32 tgt_DigHwTrqSENT_Per2_SrlCo	mHwTrq_HwNm_f32 Expected Value 2.9686954 ± 0.000976	Result
t_T1T2IndTrsTimecon_HwNm_u5p11[16] tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_ tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwN Name DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32 DigHwTrqSENT_TDiagFiltKSV_M_str.K_UIs_f32	40346 _Cnt_lc_tgt_DigHwTrqSENT_Per2_SrlCo Nm_f32 tgt_DigHwTrqSENT_Per2_SrlCo	mHwTrq_HwNm_f32 Expected Value 2.9686954 ± 0.000976 0.0616128817 ± 0.00000009	Result
t_T1T2IndTrsTimecon_HwNm_u5p11[16] tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_ tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwN Name DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32 DigHwTrqSENT_TDiagFiltKSV_M_str.K_UIs_f32 DigHwTrqSENT_TDiagFiltKOt_HwNm_M_f32	40346 _Cnt_lc_ tgt_DigHwTrqSENT_Per2_SrlCo xm_f32 xctual Value 2.96869516 0.0616129041 2.96869516	mHwTrq_HwNm_f32 Expected Value 2.9686954 ± 0.000976 0.0616128817 ± 0.0000009 2.9686954 ± 0.000976	Result
t_T1T2IndTrsTimecon_HwNm_u5p11[16] tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_ tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwN Name DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32 DigHwTrqSENT_TDiagFiltKSV_M_str.K_UIs_f32 DigHwTrqSENT_TDiagFiltCout_HwNm_M_f32 DigHwTrqSENT_TrqSum_HwNm_M_f32	40346 _Cnt_lc_ tgt_DigHwTrqSENT_Per2_SrlCo xm_f32 xctual Value 2.96869516 0.0616129041 2.96869516 0.329200029	mHwTrq_HwNm_f32 Expected Value 2.9686954 ± 0.000976 0.0616128817 ± 0.0000009 2.9686954 ± 0.000976 0.3292 ± 0.000976	Result
t_T1T2IndTrsTimecon_HwNrm_u5p11[16] tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_ tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwN Name DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32 DigHwTrqSENT_TDiagFiltKSV_M_str.K_UIs_f32 DigHwTrqSENT_TDiagFiltKOv_M_str.K_UIs_f32	40346 _Cnt_lc_ tgt_DigHwTrqSENT_Per2_SrlCo xctual Value 2.96869516 0.0616129041 2.96869516 0.329200029 um) 101	mHwTrq_HwNm_f32 Expected Value 2.9686954 ± 0.000976 0.0616128817 ± 0.0000009 2.9686954 ± 0.000976	Result

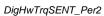
T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

9.18480015

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

9.18480015 ± 0.0024414





Test Step 3.58 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-4.21000004		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-9.39120007		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-11.941		
DigHwTrqSENT_T1_HwNm_M_f32	-6.61810017		
DigHwTrqSENT_T2_HwNm_M_f32	6.09800005		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.60800004		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.144700006		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.9209995		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.7329998		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	12.4449997		
k_T1T2SSLim_HwNm_f32	7.77159977 5.97359991		
k_T1T2TransFltLim_HwNm_f32 k_T1vsT2TrqSum_HwNm_f32	13.6700001		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199 11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[5] t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t T1T2IndTrsTimecon HwNm u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg	tgt_DigHwTrqSENT_Per2_SrlComHwTrqVa	ılid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3222222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	lwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.19120049	-3.19120049 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.19120049	-3.19120049 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.260050058	-0.260049999 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-9.39120007

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-9.39120007 ± 0.0024414



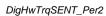
Test Step 3.59 (Repeat Count = 1)			~
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	13.7631998		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-8.97840023		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	12.4969997		
DigHwTrqSENT_T1_HwNm_M_f32	-6.01669979		
DigHwTrqSENT_T2_HwNm_M_f32	5.21999979		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-2.67600012		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.140499994		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.0290003		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-16.6709995		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	0		
k_T1T2SSLim_HwNm_f32	7.43079996		
k_T1T2TransFltLim_HwNm_f32	5.71280003		
k_T1vsT2TrqSum_HwNm_f32	12.8299999		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	13844		
· · · ·	15135		
t_T1T2IndTrsTimecon_HwNm_u5p11[10] t_T1T2IndTrsTimecon_HwNm_u5p11[11]	16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876	T. W.E.L. O. A. L.	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_		· · ·	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3		· 1	
Name	Actual Value	Expected Value	Resul
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-2.56540632	-2.56540608 ± 0.000976	,
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.048556149	0.0485561527 ± 0.00000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-2.56540632	-2.56540608 ± 0.000976	
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.39835	-0.39835 ± 0.000976	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	-
mo_oan_oa_big.m.rqobrr.j.mablagingooarrootatao(otatao_onr_onam)			

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	✓

-8.97840023

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-8.97840023 ± 0.0024414





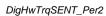
Test Step 3.60 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	14.0391998		
DigHwTrqSENT_HwTrq_HwNm_M_f32	9.18480015		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-13.0530005		
DigHwTrqSENT_T1_HwNm_M_f32	6.31739998		
DigHwTrqSENT_T2_HwNm_M_f32	-5.65899992		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	3.14199996		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.1426		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	11.4750004		
DigHwTrqSENT_TrqSum_HwNm_M_f32	17.2019997		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	20		
k_T1T2SSLim_HwNm_f32	7.6012001		
k_T1T2TransFltLim_HwNm_f32	5.84320021		
k_T1vsT2TrqSum_HwNm_f32	13.25		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t T1T2DepTrsTimecon Hz u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg			
	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_F		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	2.96869516	2.9686954 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0616129041	0.0616128817 ± 0.00000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	2.96869516	2.9686954 ± 0.000976	
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.329200029	0.3292 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

9.18480015 ± 0.0024414





Test Step 3.61 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	14.3151999		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-9.39120007		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0.740999997		
DigHwTrqSENT_T1_HwNm_M_f32	-6.61810017		
DigHwTrqSENT_T2_HwNm_M_f32	6.09800005		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.60800004		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.144700006		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.9209995		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.7329998		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	10.0200005		
k_T1T2SSLim_HwNm_f32	7.77159977		
k_T1T2TransFltLim_HwNm_f32	5.97359991		
k_T1vsT2TrqSum_HwNm_f32	13.6700001		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	6144		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.19120049	-3.19120049 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.19120049	-3.19120049 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.260050058	-0.260049999 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Pto Call So DigHwTrgSENT NytrDiggMar SotNTCStatus(Status Cpt T onum)	1.7	1.7	

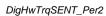
T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	•

-9.39120007

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-9.39120007 ± 0.0024414





Test Step 3.62 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	13.4871998		
DigHwTrqSENT HwTrq HwNm M f32	9.18480015		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_T1_HwNm_M_f32	6.31739998		
DigHwTrqSENT_T2_HwNm_M_f32	-5.65899992		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32	3.14199996		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.1426		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	11.4750004		
DigHwTrqSENT_TrqSum_HwNm_M_f32	17.2019997		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	11.1009998		
k_T1T2SSLim_HwNm_f32	7.6012001		
k_T1T2TransFitLim_HwNm_f32	5.84320021		
	13.25		
k_T1vsT2TrqSum_HwNm_f32			
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgrader and the state of t$		alid_Cnt_lgc	
$tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f3222222222222222222222222222222222222$	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_F	HwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	2.96869516	2.9686954 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0616129041	0.0616128817 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	2.96869516	2.9686954 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.329200029	0.3292 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Pto Call Sa DigHwTrgSENT NytrDiggMar SchNTCStatus(Status Cat T onum)	1	1	

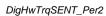
T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value$

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value

9.18480015 ± 0.0024414





Test Step 3.63 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	13.7631998		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-9.39120007		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_T1_HwNm_M_f32	-6.61810017		
DigHwTrqSENT_T2_HwNm_M_f32	6.09800005		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.60800004		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.144700006		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.9209995		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.7329998		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	11.3249998		
k_T1T2SSLim_HwNm_f32	7.77159977 5.97359991		
k_T1T2TransFltLim_HwNm_f32 k_T1vsT2TrqSum_HwNm_f32	13.6700001		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[2] t_T1T2IndTrsTimecon_HwNm_u5p11[3]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg			
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32		The state of the s	1=
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_UIs_f32	-3.19120049	-3.19120049 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.19120049	-3.19120049 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32 Pto Call So DigHwTrqSENT_NytrDigaMar_SetNTCStatus(NTC_Cat_T_caum)	-0.260050058 101	-0.260049999 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	1	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)		1.	

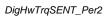
T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	•
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

-9.39120007

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$

-9.39120007 ± 0.0024414





Test Step 3.64 (Repeat Count = 1) ✓			
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-1		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-8.97840023		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0		
DigHwTrqSENT_T1_HwNm_M_f32	-6.01669979		
DigHwTrqSENT_T2_HwNm_M_f32	5.21999979		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-2.67600012		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.140499994		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.0290003		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-16.6709995		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	11.5489998		
k_T1T2SSLim_HwNm_f32	7.43079996 5.71280003		
k_T1T2TransFltLim_HwNm_f32 k_T1vsT2TrqSum_HwNm_f32	12.8299999		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2028		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	4055		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	6083		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	8110		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	10138		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	12165		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	14193		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	16220		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	18248		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	20275		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	22303		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	24330		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	26358		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	28385		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	30413		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	32440		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	34468		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	2232		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	3523		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	4813		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	6103		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	7393		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	8684		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	9974		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	11264		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	12554 13844		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]			
t_T1T2IndTrsTimecon_HwNm_u5p11[10] t_T1T2IndTrsTimecon_HwNm_u5p11[11]	15135 16425		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	17715		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	19005		
t T1T2IndTrsTimecon HwNm u5p11[14]	20296		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	21586		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	22876		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lc		alid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32	tgt_DigHwTrqSENT_Per2_SrlComHwTrq_H	lwNm_f32	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-2.56540632	-2.56540608 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.048556149	0.0485561527 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-2.56540632	-2.56540608 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.39835	-0.39835 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
	l •	1.2	1 .

▼				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

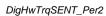
-8.97840023

0

-8.97840023 ± 0.0024414

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$





Test Step 3.65 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-2		
DigHwTrqSENT_HwTrq_HwNm_M_f32	9.18480015		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	4.01999998		
DigHwTrqSENT_T1_HwNm_M_f32	6.31739998		
DigHwTrqSENT_T2_HwNm_M_f32	-5.65899992		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	3.14199996		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.1426		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	11.4750004		
DigHwTrqSENT_TrqSum_HwNm_M_f32	17.2019997		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	11.7729998		
k_T1T2SSLim_HwNm_f32	7.6012001 5.84320021		
k_T1T2TransFltLim_HwNm_f32 k_T1vsT2TrqSum_HwNm_f32	13.25		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	2591		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	3082		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	3574		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	4065		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	4557		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	5048		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	5540		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	6031		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	6523		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	7014		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	7506		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	7997		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	8489		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	8980		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	9472		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	9964		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	10455		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	6205		
t_T1T2IndTrsTimecon_HwNm_u5p11[1]	9216		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	12227		
t_T1T2IndTrsTimecon_HwNm_u5p11[3]	15237		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	18248		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	21258		
t_T1T2IndTrsTimecon_HwNm_u5p11[6]	24269		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	27279		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	30290 33300		
t_T1T2IndTrsTimecon_HwNm_u5p11[9] t T1T2IndTrsTimecon HwNm u5p11[10]	36311		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	36864		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	37888		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	38093		
t T1T2IndTrsTimecon HwNm u5p11[14]	39936		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	40141		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	40346		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg		ilid_Cnt_lgc	
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32			
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	2.96869516	2.9686954 ± 0.000976	~
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.0616129041	0.0616128817 ± 0.00000009	~
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	2.96869516	2.9686954 ± 0.000976	~
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.329200029	0.3292 ± 0.000976	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
	1.0	1.2	1 .

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	~
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	~

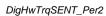
9.18480015

0

9.18480015 ± 0.0024414

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

 $tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value\\ tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value\\$





Test Step 3.66 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-3		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-9.39120007		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-4.32000017		
DigHwTrqSENT_T1_HwNm_M_f32	-6.61810017		
DigHwTrqSENT_T2_HwNm_M_f32	6.09800005		
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.60800004		
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.144700006		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.9209995		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.7329998		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
k_CMCLPFOutLim_HwNm_f32	11.9969997 7.77159977		
k_T1T2SSLim_HwNm_f32 k_T1T2TransFitLim_HwNm_f32	5.97359991		
k_T1vsT2TrqSum_HwNm_f32	13.6700001		
t_T1T2DepTrsTimecon_Hz_u6p10[0]	5417		
t_T1T2DepTrsTimecon_Hz_u6p10[1]	7322		
t_T1T2DepTrsTimecon_Hz_u6p10[2]	9226		
t_T1T2DepTrsTimecon_Hz_u6p10[3]	11131		
t_T1T2DepTrsTimecon_Hz_u6p10[4]	13036		
t_T1T2DepTrsTimecon_Hz_u6p10[5]	14940		
t_T1T2DepTrsTimecon_Hz_u6p10[6]	16845		
t_T1T2DepTrsTimecon_Hz_u6p10[7]	18749		
t_T1T2DepTrsTimecon_Hz_u6p10[8]	20654		
t_T1T2DepTrsTimecon_Hz_u6p10[9]	22559		
t_T1T2DepTrsTimecon_Hz_u6p10[10]	24463		
t_T1T2DepTrsTimecon_Hz_u6p10[11]	26368		
t_T1T2DepTrsTimecon_Hz_u6p10[12]	28273		
t_T1T2DepTrsTimecon_Hz_u6p10[13]	30177		
t_T1T2DepTrsTimecon_Hz_u6p10[14]	32082		
t_T1T2DepTrsTimecon_Hz_u6p10[15]	33987		
t_T1T2DepTrsTimecon_Hz_u6p10[16]	35891		
t_T1T2IndTrsTimecon_HwNm_u5p11[0]	4792		
t_T1T2IndTrsTimecon_HwNm_u5p11[1] t_T1T2IndTrsTimecon_HwNm_u5p11[2]	7496		
t_T1T2IndTrsTimecon_HwNm_u5p11[2]	8847		
t_T1T2IndTrsTimecon_HwNm_u5p11[4]	10199		
t_T1T2IndTrsTimecon_HwNm_u5p11[5]	11551		
t T1T2IndTrsTimecon HwNm u5p11[6]	12902		
t_T1T2IndTrsTimecon_HwNm_u5p11[7]	14254		
t_T1T2IndTrsTimecon_HwNm_u5p11[8]	15606		
t_T1T2IndTrsTimecon_HwNm_u5p11[9]	16957		
t_T1T2IndTrsTimecon_HwNm_u5p11[10]	18309		
t_T1T2IndTrsTimecon_HwNm_u5p11[11]	19661		
t_T1T2IndTrsTimecon_HwNm_u5p11[12]	21012		
t_T1T2IndTrsTimecon_HwNm_u5p11[13]	22364		
t_T1T2IndTrsTimecon_HwNm_u5p11[14]	23716		
t_T1T2IndTrsTimecon_HwNm_u5p11[15]	25068		
t_T1T2IndTrsTimecon_HwNm_u5p11[16]	26419		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lg	· · · · · · · · · · · · · · · · · · ·		
tgt_Rte_Inst_Sa_DigHwTrqSENT.DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32		T. Control of the Con	
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_TDiagFiltKSV_M_str.SV_Uls_f32	-3.19120049	-3.19120049 ± 0.000976	y
DigHwTrqSENT_TDiagFiltKSV_M_str.K_Uls_f32	0.124493957	0.124493919 ± 0.0000009	•
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.19120049	-3.19120049 ± 0.000976	•
DigHwTrqSENT_TrqSum_HwNm_M_f32	-0.260050058	-0.260049999 ± 0.000976	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	101	101	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•

tgt_DigHwTrqSENT_Per2_SrlComHwTrq_HwNm_f32.value		-9.39120007	-9.39120007 ± 0.0024414		~
T					✓
Actual Function	Count	Expected Function		Count	Result
Rte_Call_DigHwTrqSENT_Per2_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP0_Check	pointReached	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_	SetNTCStatus	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_GetNTCStatus	3	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_	GetNTCStatus	3	✓
Rte_Call_DigHwTrqSENT_Per2_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per2_CP1_Check	pointReached	1	~

0

 $Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$

tgt_DigHwTrqSENT_Per2_SrlComHwTrqValid_Cnt_lgc.value

DigHwTrqSENT_Per2

2014-08-22, 16:49:58+0530





Project	
Module	
Test Object	
Instrumentation: Test Obje	ct and Called Functions
Statement (C0) Coverage	
Decision Coverage	
Branch (C1) Coverage	
MCC Coverage	
MC/DC Coverage	
·	
Statistics	
Total Testcases	
Successful	▼ V
Failed	
Not Executed	
Module Properties	
Project Root Directory	
Configuration File	
Target Environment	
Kind of Test	
Linker Options	
Source File(s)	
File	
Compiler Options	
File	
Compiler Options	
Joinphier Options	
Comments/Description/Spo	ecification
Name	Text



Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy Work Area\CBD DigHwTrgSENT\UnitTestEny\config\UDE TMS570 DERUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

TC 1.1 843.00 Cycles TC 1.2 844.00 Cycles

Description

Test Step 1.1 (Repeat Count = 1)					✓
Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					~
					✓
					-
					•
			1		
T					4
Actual Function	Court	Expected Function		Count	Result
Actual I unction	Count	Expected i unction		Count	Kesuit
					~
					~

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
Name	Actual Value	Expected Value	Result
			✓
			•
			<u> </u>
			Ž
			· ·



Τ					
Actual Function	Count	Expected Function	Count	Resul	t
				١ ،	
				•	-



Test Case 2: Boundary Test

Specification

Performance Metrics:
(With "None" instrumentation and WithPS Environment)

CPU Cycles:

TC2.1 849.00 Cycles

TC2.2 844.00 Cycles

TC2.3 844.00 Cycles

TC2.4 843.00 Cycles

TC2.5 843.00 Cycles

TC2.6 843.00 Cycles

TC2.7 843.00 Cycles

TC2.7 843.00 Cycles

TC2.8 843.00 Cycles

TC2.8 843.00 Cycles

TC2.1 849.00 Cycles
TC2.2 844.00 Cycles
TC2.3 844.00 Cycles
TC2.4 843.00 Cycles
TC2.5 843.00 Cycles
TC2.5 843.00 Cycles
TC2.6 843.00 Cycles
TC2.7 843.00 Cycles
TC2.7 843.00 Cycles
TC2.8 840.00 Cycles
TC2.10 843.00 Cycles
TC2.11 843.00 Cycles
TC2.12 843.00 Cycles
TC2.12 843.00 Cycles
TC2.13 838.00 Cycles
TC2.14 845.00 Cycles
TC2.15 838.00 Cycles
TC2.16 843.00 Cycles
TC2.17 843.00 Cycles
TC2.18 843.00 Cycles
TC2.19 843.00 Cycles
TC2.19 843.00 Cycles
TC2.19 843.00 Cycles
TC2.10 Cycles
TC2.10 Cycles
TC2.11 R43.00 Cycles
TC2.12 R43.00 Cycles
TC2.13 R43.00 Cycles
TC2.14 R45.00 Cycles
TC2.15 R45.00 Cycles
TC2.16 R45.00 Cycles
TC2.17 R45.00 Cycles
TC2.18 R45.00 Cycles
TC2.19 R45.00 Cycles
TC2.20 R45.00 Cycles
TC2.21 R45.00 Cycles
TC2.22 R45.00 Cycles
TC2.23 R45.00 Cycles
TC2.24 R45.00 Cycles
TC2.25 R45.00 Cycles
TC2.26 R45.00 Cycles
TC2.27 R45.00 Cycles
TC2.28 R45.00 Cycles
TC2.29 R45.00 Cycles
TC2.30 R45.00 Cycles
TC2.31 R45.00 Cycles
TC2.33 R45.00 Cycles
TC2.34 R45.00 Cycles
TC2.35 R45.00 Cycles
TC2.36 R45.00 Cycles
TC2.37 R45.00 Cycles
TC2.38 R45.00 Cycles
TC2.37 R45.00 Cycles
TC2.38 R45.00 Cycles
TC2.39 R45.00 Cycles
TC2.31 R45.00 Cycles
TC2.33 R45.00 Cycles
TC2.34 R45.00 Cycles
TC2.35 R45.00 Cycles
TC2.37 R45.00 Cycles
TC2.38 R45.00 Cycles
TC2.39 R45.00 Cycles

Description

	✓
Input Value	
	Input Value



Name		Input Value			
Name		Actual Value	Expected Value		Result
					-
					-
					•
					~
					•
T					V
Actual Function	Count	Expected Function		Count	Result
A STATE OF THE STA	Count	_xpccicu i uncucii		Jouin	✓
					•
					-
Test Step 2.2 (Repeat Count = 1)					V
Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					•
					•
					•
					•
T					✓
Actual Function	Count	Expected Function		Count	Result
					-
					•
					•
T4-04-11-0-0-1/D-114-04-0-1					✓
Test Step 2.3 (Repeat Count = 1)					
Name		Input Value			



Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					~
					~
					~
					~
					~
T					✓
Actual Function	Count	Expected Function		Count	Result
					•
					•
					~

Test Step 2.4 (Repeat Count = 1)					✓
Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					~
					~
					~
					~
					•
Τ					✓
Actual Function	Count	Expected Function		Count	Result
					~
					~
					-

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
Name	Actual Value	Expected Value	Result
			~
			~



Name		Actual Value	Expected Value		Result
					~
					~
					~
					~
T					V
Actual Function	Count	Expected Function		Count	Result
					~
					~
					~

Test Step 2.6 (Repeat Count = 1)					✓
Name		Input Value			
		•			
Name		Actual Value	Expected Value		Result
					~
					•
					~
					~
					~
_					
Т					✓
Actual Function	Count	Expected Function		Count	Result
					~
					~
					✓

Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
Name	Actual Value	Expected Value	Result
			✓
			~
			✓
			✓

Actual Function



Count Result

T				✓
Actual Function	Count	Expected Function	Count	Result
				~
				✓

Test Step 2.8 (Repeat Count = 1)					✓
Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					~
					~
					-
					•
T					V
	Count	Expected Function		Count	Result
Actual Full-cuoti	Jount	Expedica i unction		Sount	Kesuit
					~
					-

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
Name	Actual Value	Expected Value	Result
			~
			•
			Ž
			✓

Count Expected Function





Name		Input Value			
Name		Actual Value	Expected Value		Result
					-
					•
					•
					-
					-
T					V
Actual Function	Count	Expected Function		Count	
A Constant Constant				700	- tooui
					•
		I			
Test Step 2.13 (Repeat Count = 1)					✓
Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					•
					•
					•
					~
					•
T					V
Actual Function	Count	Expected Function		Count	
					•
					•
					•

Test Step 2.14 (Repeat Count = 1)		V
Name	Input Value	



Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					~
					~
					~
					~
					~
Τ					✓
Actual Function	Count	Expected Function		Count	Result
					~
					~
					~

Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
Name	Actual Value	Expected Value	Result
			~
			~
			~
			✓

T and the second se				
Actual Function	Count	Expected Function	Count	Result
				~
				•
				✓



Test Step 2.16 (Repeat Count = 1)					✓
Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					•
					~
					-
					✓
T					V
Actual Function	Count	Expected Function		Count	Result
					~
					•
					~
Test Step 2.17 (Repeat Count = 1)					✓
Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					*
					✓
					-
					-
					V
Т					
	Count	Expected Function		Count	Result
T Actual Function	Count	Expected Function		Count	
	Count	Expected Function		Count	~
	Count	Expected Function		Count	~
	Count	Expected Function		Count	~
	Count	Expected Function		Count	·
Actual Function	Count	Expected Function		Count	→
Actual Function Test Step 2.18 (Repeat Count = 1)	Count			Count	\rightarrow \right
Actual Function	Count	Expected Function		Count	\rightarrow \right
Actual Function Test Step 2.18 (Repeat Count = 1)	Count			Count	\rightarrow \right
Actual Function Test Step 2.18 (Repeat Count = 1)	Count			Count	Result ✓



Name		Input Value			
Name		Actual Value	Expected Value		Result
					•
					•
					•
					•
T					v
Actual Function	Count	Expected Function	Col	unt	Result
					•
					•
					•
Test Step 2.19 (Repeat Count = 1)					•
Name		Input Value			
Name		Actual Value	Expected Value		Result
					•
					•
					•
					•
					•
_					
T					_
Actual Function	Count	Expected Function	Con	unt	Result
					•
					•

Test Step 2.20 (Repeat Count = 1)	✓ ·
Name	Input Value

TEST DETAILS REPORT		9	*azorcat
Name	Input Value		
Name	Actual Value	Expected Value	Result



Name		Actual Value	Expected Value		Result
					~
					~
					~
					~
					~
T					✓
Actual Function	Count	Expected Function		Count	Result
					~
					~
					~

Test Step 2.23 (Repeat Count = 1)					✓
Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					~
					•
					~
					~
					~
Τ					✓
Actual Function	Count	Expected Function		Count	Result
					~

Test Step 2.24 (Repeat Count = 1)			✓
Name	Input Value		
Name	Actual Value	Expected Value	Result
Humo	Actual Value	Expected value	result
			•
			~
			•
			~
			✓

Actual Function



Count Result

T				✓
Actual Function	Count	Expected Function	Count	Result
				~
				✓

Test Step 2.25 (Repeat Count = 1)					✓
Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					~
					~
					-
					•
T					V
	Count	Expected Function		Count	Result
Actual I unction	Count	Expected Function		Count	ixesuit
					~
					-

Test Step 2.26 (Repeat Count = 1)		✓
Name	Input Value		
N	A - AI Valina	Pour auto d Materia	D
Name	Actual Value	Expected Value	Result
			~
			Y
			✓

Count Expected Function



Test Step 2.27 (Repeat Count = 1)					✓
Name		Input Value			
			l=		l=
Name		Actual Value	Expected Value		Result
					•
					V
					✓
					~
T					V
Actual Function	Count	Expected Function		Count	Result 🗸
					~
					~
Test Step 2.28 (Repeat Count = 1) Name		Input Value			✓
Name		Actual Value	Expected Value		Result
					*
					✓
					~
					•
T					
T Actual Function	Count	Expected Function		Count	Result
	Count	p. I.I.Z. a.i.Juon		Junit	~
					~
		I .		1	T

Test Step 2.29 (Repeat Count = 1)	✓
Name	Input Value



T	Name		Input Value		
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result Test Step 2.30 (Repeat Count = 1) Name Input Value Actual Value Expected Value Result Actual Function Count Expected Function Count Count					
Actual Function Count Expected Function Count Result Test Step 2.30 (Repeat Count = 1) Name Input Value Actual Value Expected Value Result Actual Function Count Expected Function Count Count					
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result Input Value Expected Value Result Actual Value Expected Value Result Actual Function Count Expected Function Count Result	Name		Actual Value	Expected value	
Actual Function Count Expected Function Count Result Test Step 2.30 (Repeat Count = 1) Name Input Value Actual Value Expected Value Result Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count Result Test Step 2.30 (Repeat Count = 1) Input Value Name Actual Value Expected Value Result Actual Function Count Expected Function Count Result Actual Function Count Count Count Result Actual Function Count Coun					
Actual Function Count Expected Function Count Result Tost Step 2.30 (Repeat Count = 1) Name Input Value Result Actual Value Expected Value Result Actual Value Count Result Actual Value Count Result Actual Value Expected Value Result Actual Value Count Result					
Actual Function Count Expected Function Count Result Test Step 2.30 (Repeat Count = 1) Name Input Value Expected Value Expected Value Result Actual Value Count Expected Function Count Result					
Actual Function Count Expected Function Count Result Test Step 2.30 (Repeat Count = 1) Name Input Value Expected Value Expected Value Result Actual Value Count Result Count Result Count Result Count Result Count Result					
Actual Function Count Expected Function Count Result Test Step 2.30 (Repeat Count = 1) Name Input Value Actual Value Expected Value Result Yes Actual Value Result Actual Value Expected Value Result Yes Actual Value Yes Actual Value Result Yes Actual Value Resul					
Actual Function Count Expected Function Count Result Test Step 2.30 (Repeat Count = 1) Name Input Value Actual Value Expected Value Result Yes Actual Value Result Actual Value Expected Value Result Yes Actual Value Yes Actual Value Result Yes Actual Value Resul					
Test Step 2.30 (Repeat Count = 1) Name Input Value Actual Value Expected Value Result Actual Function Count Expected Function Count Result Count Result					
Name Actual Value Expected Value Result Actual Function Count Expected Function Count Result	Actual Function	Count	Expected Function	Coun	Result
Name Actual Value Expected Value Result Actual Function Count Expected Function Count Result					~
Test Step 2.30 (Repeat Count = 1) Name Input Value Actual Value Expected Value Result Actual Function Count Expected Function Count Coun					
Name Actual Value Expected Value Result Actual Function Count Expected Function Count Expe					~
Name Actual Value Expected Value Result Actual Function Count Expected Function Count Ex					
Name Actual Value Expected Value Result Actual Function Count Expected Function Count Expe					
Name Actual Value Expected Value Result Actual Function Count Expected Function Count Expe					
Name Actual Value Expected Value Result Actual Function Count Expected Function Count Expe	Test Step 2.30 (Repeat Count = 1)				✓
Name Actual Value Expected Value Result Actual Function Count Expected Function Count Result			Input Value		
T Actual Function Count Expected Function Count Result			•		
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
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T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result	Name		Actual Value	Expected Value	
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
T Actual Function Count Expected Function Count Result					
Actual Function Count Expected Function Count establishment Count					~
Actual Function Count Expected Function Count Sesult					
Actual Function Count Expected Function Count establishment Count	T				✓
	Actual Function	Count	Expected Function	Coun	
			•		
				1	-

Test Step 2.31 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value



Name		Input Value			
Name		Actual Value	Expected Value		Result
					~
					~
					~
					~
					~
					~
Τ					✓
Actual Function	Count	Expected Function		Count	Result
					~
					~
					~

Test Step 2.32 (Repeat Count = 1)			✓
Name	Input Value		
Name	Actual Value	Expected Value	Result
			~
			~
			~
			V
			~
			V

Т				
Actual Function	Count	Expected Function	Count	Result
				~
				•
				~



Test Step 2.33 (Repeat Count = 1) Name		Invest Value		✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
			•	-
				~
				· ·
				-
				•
_				
T				✓
Actual Function	Count	Expected Function	Cou	nt Result
				✓
Test Step 2.34 (Repeat Count = 1)				✓
Name		Input Value		Ť
Name		mput value		
Name		Actual Value	Expected Value	Result
				~
				_
				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
				✓
Т				✓
Actual Function	Count	Expected Function	Cou	nt Result
				· ·
			'	
Test Step 2.35 (Repeat Count = 1)				~
Name		Input Value		
		- Input Fulus		



Name		Input Value			
Name		Actual Value	Expected Value		Result
					•
					•
					•
					•
Τ					V
Actual Function	Count	Expected Function		Count	Result
					•
					•
					•
Test Step 2.36 (Repeat Count = 1)					•
Name		Input Value			
		put valus			
Name		Actual Value	Expected Value		Result
					•
					Ž
					•
					•
					•
Т					~
Actual Function	Count	Expected Function		Count	
					•
	-				

Test Step 2.37 (Repeat Count = 1)	✓
Name	Input Value

Name



Name		Input Value			
Name		Actual Value	Expected Value		Result
					•
					-
					•
					•
Τ					V
Actual Function	Count	Expected Function		Count	
					-
					•
Test Step 2.38 (Repeat Count = 1)					✓
Name		Input Value			
			l=		l
Name		Actual Value	Expected Value		Result
					•
					-
					•
					-
Т					✓
Actual Function	Count	Expected Function		Count	Result
					•
					•
Test Step 2.39 (Repeat Count = 1)					V
Name		Input Value			

Actual Value

Expected Value

Result



Actual Value	Expected Value	Result
		✓
		•
	Actual Value	Actual Value Expected Value

Τ				
Actual Function	Count	Expected Function	Count	Result
				~
				✓
				-

Test Step 2.40 (Repeat Count = 1)			✓
Name	Input Value		
Name	Actual Value	Expected Value	Result
			V
			· ·
			-
			✓
T			

T				✓
Actual Function	Count	Expected Function	Count	Result
				~
				✓
				✓

DigHwTrqSENT_SCom_ClrTrqTrim

2014-08-22, 16:54:23+0530



Project CBD_DigHwTrqSENT

Module DigHwTrqSENT

Test Object DigHwTrqSENT_SCom_ClrTrqTrim

Instrumentation: Test Object and Called Functions

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	66.66 %
MC/DC Coverage	66.66 %

Statistics

Total Testcases	2	
Successful	2	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_DigHwTrqSENT
Configuration File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\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)\DigHwTrqSENT\src\Sa_DigHwTrqSENT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\tinclude
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\tinclude

Comments/Description/Spo	ecification
Name	Text

2014-08-22, 16:54:23+0530

DigHwTrqSENT_SCom_ClrTrqTrim



Module 'DigHwTrqSENT'

Name of Tester:Ankita Bhardwaj

Name of Tester:Ankita Bhardwaj
Code File(s) Under Test:Sa_DigHwTrqSENT.c
Code File(s) Version:8
Module Design Document:DigHwTrqSENT_MDD.docx
Module Design Document Version:11
Data Dictionary Version:8
Unit Test Plan Version:5
Optimization Level:Level 2
Compiler (CodeGen) Version:TMS570_4.9.5
Model Type:Excel Macro
Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.30
Total FLASH Used (Bytes):1638
Total RAM Used (Bytes):1638
Total CALS Used (Bytes):108
Special Test Requirements:
Test Date:8/22/2014
Comments:"NOTE1: Inline functions declared in GlobalMacro.h are

Comments:"NOTE1: Inline functions declared in GlobalMacro.h are not Unit Tested.

NOTE2:""CBD_Sandbox_dbg.map"" map file is embedded for reference.

NOTE3: Low MC/DC coverage in function ""DigHwTrqSENT_SCom_ClrTrqTrim"" as the path ""if(D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc)"" at line number 1210 of source code cannot be made FALSE which has been called in function ""TrimNotPerfDiag"" as ""Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc "" gets updated with const ""D_TRIMNOTPERFORMED_CNT_LGC""having value FALSE always."

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	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl</pre>
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

DigHwTrqSENT_SCom_ClrTrqTrim



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

TS1.1 1260.00 Cycles TS1.2 1261.00 Cycles

Vector Description: Description

TS1.1 "Shortest Execution Path:
if((D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc) && (D_MFGMODE_CNT_ENUM !
= MECCounter_Cnt_T_enum))=TRUE"
TS1.2 "Longest Execution Path:
if((D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc) &&
(D_MFGMODE_CNT_ENUM != MECCounter_Cnt_T_enum))=FALSE"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCou	unter_Cnt_enum_data	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_ClrTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	•
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum) Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	507 1	507	*
	507 1 1	507 1 1	*
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	507 1 1 0	507 1 1 0 ± 0.00048828125	\rightarrow \forall \right

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	ounter_Cnt_enum_data	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	1		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_ClrTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•



Test Case 2: Boundary Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TS2.1 1259.00 Cycles TS2.2 1259.00 Cycles TS2.3 1261.00 Cycles TS2.4 1261.00 Cycles TS2.5 1259.00 Cycles TS2.6 1259.00 Cycles TS2.7 1259.00 Cycles

Description Vector Description:

TS2.1 MECCounter_Cnt_enum = ProductionMode
TS2.2 MECCounter_Cnt_enum = EngineeringMode
TS2.3 MECCounter_Cnt_enum = ManufacturingMode
TS2.4 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc =Min
TS2.5 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc =Max
TS2.6 All Min
TS2.7 All Max

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	unter_Cnt_enum_data	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_ClrTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~

Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~	
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 2.2 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	unter_Cnt_enum_data	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_ClrTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~

Т						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•		
TrimNotPerfDiag	1	TrimNotPerfDiag	1	-		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	~		

Test Step 2.3 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT	

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DigHwTrqSENT_SCom_ClrTrqTrim

Name	Input Value		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	unter_Cnt_enum_data	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	1		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_ClrTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.4 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT			
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MEC	Counter_Cnt_enum_data		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0			
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim			
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	1			
Name	Actual Value	Expected Value	Result	
DigHwTrqSENT_SCom_ClrTrqTrim()	0	0	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	✓	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	✓	

Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~	
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•	
TrimNotPerfDiag	1	TrimNotPerfDiag	1	-	
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_ME0	CCounter_Cnt_enum_data	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_ClrTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~
tgt Pim DigTrgTrim.k EOLHwTrgTrimPerformed Cnt Lgc	0	0	✓

Τ						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•		
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•		

DigHwTrqSENT_SCom_ClrTrqTrim



Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	unter_Cnt_enum_data	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	0		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_ClrTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	✓
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~

T .						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~		
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	•		
TrimNotPerfDiag	1	TrimNotPerfDiag	1	~		
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	✓		

Test Step 2.7 (Repeat Count = 1)			V
Name	Input Value		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum(data)	tgt_Rte_Read_Sa_DigHwTrqSENT_MECCo	unter_Cnt_enum_data	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
tgt_Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum_data	2		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_SCom_ClrTrqTrim()	0	0	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	507	507	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	~
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~

T ✓				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	Rte_Read_Sa_DigHwTrqSENT_MECCounter_Cnt_enum	1	~
$Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock$	1	Rte_Call_Sa_DigHwTrqSENT_NvM_DigHwTrqSENTTrim_Srv_WriteBlock	1	~
TrimNotPerfDiag	1	TrimNotPerfDiag	1	-
Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_DigHwTrqSENT_NxtrDiagMgr_SetNTCStatus	1	•

DigHwTrqSENT_SCom_TrimData

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Project CBD_DigHwTrqSENT

Module DigHwTrqSENT

Test Object DigHwTrqSENT_SCom_TrimData

Instrumentation: Test Object and Called Functions

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

Statistics

Total Testcases	1	
Successful	1	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_DigHwTrqSENT
Configuration File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\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)\DigHwTrqSENT\src\Sa_DigHwTrqSENT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -\\$(PROJECTROOT)\DigHwTrqSENT\utp\\contract -\\$(PROJECTROOT)\NxtrLib\include -\\$(PROJECTROOT)\StdDef\include -\\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -\\$(Compiler Install Path)\include

Name	Text
Module 'DigHwTrqSENT'	Name of Tester:Ankita Bhardwaj Code File(s) Under Test:Sa_DigHwTrqSENT.c Code File(s) Version:8 Module Design Document:DigHwTrqSENT_MDD.docx Module Design Document Version:11 Data Dictionary Version:8 Unit Test Plan Version:5 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS570_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.30 Total FLASH Used (Bytes):1638 Total RAM Used (Bytes):1638 Total RAM Used (Bytes):108 Special Test Requirements: Test Date:8/22/2014 Comments:"NOTE1: Inline functions declared in GlobalMacro.h are not Unit Tested. NOTE2:""CBD_Sandbox_dbg.map"" map file is embedded for reference. NOTE3: Low MC/DC coverage in function ""DigHwTrqSENT_SCom_CIrTrqTrim"" as the path ""if(D_TRIMNOTPERFORMED_CNT_LGC == Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc) "" at line number 1210 of source code cannot be made FALSE which has bee called in function ""TrimNotPerfDiag"" as ""Rte_Pim_DigTrqTrim()->k_EOLHwTrqTrimPerformed_Cnt_Lgc)"" gets updated with const ""D_TRIMNOTPERFORMED_CNT_LGC""having value FALSE always."

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	

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DigHwTrqSENT_SCom_TrimData

Attributes		
Name	Value	
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl	
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>	
Time Unit	Cycles	
Timer Enabled	false	
Timer Prescale	0	
Timer Resolution	1	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



Test Case 1: Boundary Test

DigHwTrqSENT_SCom_TrimData

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TS1.1 243.00 Cycles TS1.2 243.00 Cycles TS1.3 243.00 Cycles TS1.4 243.00 Cycles TS1.5 243.00 Cycles TS1.6 243.00 Cycles TS1.7 243.00 Cycles TS1.8 243.00 Cycles TS1.9 243.00 Cycles

Description Vector Description:

TS1.1 All Min TS1.2 All Max

TS1.2 All Max
TS1.3 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32=Min
TS1.4 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32=Max
TS1.5 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32=Zero
TS1.6 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32=Pos
TS1.7 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32=Neg
TS1.8 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc=True
TS1.9 Rte_Pim_DigTrqTrim.Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc=False

Test Step 1.1 (Repeat Count = 1)			~
Name	Input Value		
EOLHwTrqTrimPerformed_Cnt_Lgc	tgt_EOLHwTrqTrimPerformed_C	nt_Lgc	
EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSEN	tgt_Rte_Inst_Sa_DigHwTrqSENT	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-10	-10	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim	tgt_Pim_DigTrqTrim	
Name	Actual Value	Expected Value	Result
tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	•
tat EOLHwTraTrim HwNm f32	-10	-10 ± 0.00048828125	✓

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
EOLHwTrqTrimPerformed_Cnt_Lgc	tgt_EOLHwTrqTrimPerformed_C	Cnt_Lgc	
EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32	
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSEN	tgt_Rte_Inst_Sa_DigHwTrqSENT	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	10	10	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim	tgt_Pim_DigTrqTrim	
Name	Actual Value	Expected Value	Result
tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	✓
tgt EOLHwTrgTrim HwNm f32	10	10 ± 0.00048828125	✓

Test Step 1.3 (Repeat Count = 1)			✓
Name	Input Value		
EOLHwTrqTrimPerformed_Cnt_Lgc	tgt_EOLHwTrqTrimPerformed_C	tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	
EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSEN	tgt_Rte_Inst_Sa_DigHwTrqSENT	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-10	-10	
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim	tgt_Pim_DigTrqTrim	
Name	Actual Value	Expected Value	Result
tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~
tgt_EOLHwTrqTrim_HwNm_f32	-10	-10 ± 0.00048828125	✓

Test Step 1.4 (Repeat Count = 1)	✓
Name	Input Value
EOLHwTrqTrimPerformed_Cnt_Lgc	tgt_EOLHwTrqTrimPerformed_Cnt_Lgc
EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	10

DigHwTrqSENT_SCom_TrimData

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Name	Input Value		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~
tgt_EOLHwTrqTrim_HwNm_f32	10	10 ± 0.00048828125	✓

Test Step 1.5 (Repeat Count = 1)			✓
Name	Input Value		
EOLHwTrqTrimPerformed_Cnt_Lgc	tgt_EOLHwTrqTrimPerformed_Cnt_Lg	gc	
EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~
tgt_EOLHwTrqTrim_HwNm_f32	0	0 ± 0.00048828125	✓

Test Step 1.6 (Repeat Count = 1)			~
Name	Input Value		
EOLHwTrqTrimPerformed_Cnt_Lgc	tgt_EOLHwTrqTrimPerformed_0	Cnt_Lgc	
EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	4.621		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~
tgt_EOLHwTrqTrim_HwNm_f32	4.62099981	4.621 ± 0.00048828125	✓

Test Step 1.7 (Repeat Count = 1)			✓
Name	Input Value		
EOLHwTrqTrimPerformed_Cnt_Lgc	tgt_EOLHwTrqTrimPerformed_Cnt_L	gc	
EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32		
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	-8.94		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~
tgt_EOLHwTrqTrim_HwNm_f32	-8.93999958 -8.94 ± 0.00048828125		

Test Step 1.8 (Repeat Count = 1)			_	
Name	Input Value	Input Value		
EOLHwTrqTrimPerformed_Cnt_Lgc	tgt_EOLHwTrqTrimPerformed_0	Cnt_Lgc		
EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32			
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT			
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	5.2			
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	0			
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim			
Name	Actual Value	Expected Value	Result	
tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	0	0	~	
tgt_EOLHwTrqTrim_HwNm_f32	5.19999981	5.2 ± 0.00048828125	✓	

Test Step 1.9 (Repeat Count = 1)	✓
Name	Input Value
EOLHwTrqTrimPerformed_Cnt_Lgc	tgt_EOLHwTrqTrimPerformed_Cnt_Lgc
EOLHwTrqTrim_HwNm_f32	tgt_EOLHwTrqTrim_HwNm_f32
Rte_Inst_Sa_DigHwTrqSENT	tgt_Rte_Inst_Sa_DigHwTrqSENT
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrim_HwNm_f32	0.87

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DigHwTrqSENT_SCom_TrimData

Name	Input Value		
tgt_Pim_DigTrqTrim.k_EOLHwTrqTrimPerformed_Cnt_Lgc	1		
tgt_Rte_Inst_Sa_DigHwTrqSENT.Pim_DigTrqTrim	tgt_Pim_DigTrqTrim		
Name	Actual Value	Expected Value	Result
tgt_EOLHwTrqTrimPerformed_Cnt_Lgc	1	1	~
tgt_EOLHwTrqTrim_HwNm_f32	0.870000005	0.87 ± 0.00048828125	•



 Project
 CBD_DigHwTrqSENT

 Module
 DigHwTrqSENT

 Test Object
 DigHwTrqSENT_Per3

Instrumentation: Test Object and Called Functions

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC 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\CBD_DigHwTrqSENT
Configuration File	D:\Synergy_Work_Area\CBD_DigHwTrqSENT\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)\DigHwTrqSENT\src\Sa_DigHwTrqSENT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\tinclude
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_DIGHWTRQSENT_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\DigHwTrqSENT\utp \contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\StdDef\include \TMS570_HerculesRegs -I\$(Compiler Install Path)\tinclude

Comments/Description/Spe	ecification
Name	Text



Module 'DigHwTrqSENT'

Name of Tester:Ankita Bhardwaj
Code File(s) Under Test:Sa_DigHwTrqSENT.c
Code File(s) Version:8
Module Design Document:



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

TS1.1 2200.00 Cycles TS1.2 2903.00 Cycles

Description

Vector Description:

 $TS1.1Shortest\ Execution\ Path: \\ DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32 = Limit_m(DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32, -D_SSFILTSVLMT_HWNM_F32, \\ D_SSFILTSVLMT_HWNM_F32) = TRUE\\ if\ (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32\) = FALSE$

 $TS1.2 Longest\ Execution\ Path=>DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32 = Limit_m(DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32, -D_SSFILTSVLMT_HWNM_F32) = FALSE \\ if (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T_f32 <= k_T1T2CMCLPFEnable_HwNm_f32) = TRUE \\ If (AbsHwTrq_HwNm_T + true +$

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	7		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.1326		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-13.79		
DigHwTrqSENT_HwTrq_HwNm_M_f32	5.0946		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-18		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1487		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-8.8091		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-13.71		
k_T1T2CMCLPFEnable_HwNm_f32	4		
k_T1T2SSLim_HwNm_f32	4.5		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	7	7 ± 0.000976	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20	20 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-13.79	-13.79 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	2.52426219	2.524262221 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	2.52426219	2.524262221 ± 0.000976	✓

Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~	
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓	

Test Step 1.2 (Repeat Count = 1)			<u> </u>
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.16375		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	3.7407		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-7.049		
DigHwTrqSENT_HwTrq_HwNm_M_f32	8.815		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	1		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1877		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	15.7744		
DigHwTrqSENT_TrqSum_HwNm_M_f32	12.523		
k_T1T2CMCLPFEnable_HwNm_f32	20		
k_T1T2SSLim_HwNm_f32	5		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	18.7756405	18.77564125 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	18.7756405	18.77564125 ± 0.000976	·
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	18.7756405	18.77564125 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	3.77315497	3.77315488 ± 0.000976	✓
DigHwTrqSENT SSFiltKSV M str.SV Uls f32	3.77315497	3.77315488 ± 0.000976	✓

Т					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~	
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•	



Test Case 2: Path Test

Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TS2.1 2920.00 Cycles TS2.2 2903.00 Cycles TS2.3 2908.00 Cycles TS2.4 2201.00 Cycles

Description

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-6		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.22605		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-14.5		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-2.64		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-2.52		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-2		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	12		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.2657		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-8.8093		
DigHwTrqSENT_TrqSum_HwNm_M_f32	2.29		
k_T1T2CMCLPFEnable_HwNm_f32	18.4504		
k_T1T2SSLim_HwNm_f32	3		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-4.12604523	-4.1260455 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-4.12604523	-4.1260455 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-4.12604523	-4.1260455 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-3.80923128	-3.80923101 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-3.80923128	-3.80923101 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	~

Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.16375		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	3.7407		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-7.049		
DigHwTrqSENT_HwTrq_HwNm_M_f32	8.815		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	1		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1877		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	15.7744		
DigHwTrqSENT_TrqSum_HwNm_M_f32	12.523		
k_T1T2CMCLPFEnable_HwNm_f32	6.5501		
k_T1T2SSLim_HwNm_f32	10		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20	20 ± 0.000976	•
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	3.74070001	3.7407 ± 0.000976	•
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-7.04899979	-7.049 ± 0.000976	•
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	3.77315497	3.77315488 ± 0.000976	•
DigHwTrqSENT SSFiltKSV M str.SV Uls f32	3.77315497	3.77315488 ± 0.000976	•



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-20		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-10		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-20		
k_T1T2CMCLPFEnable_HwNm_f32	0		
k_T1T2SSLim_HwNm_f32	0		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20	-20 ± 0.000976	•
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.00390625	-0.00390625 ± 0.000976	•
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-0.00390625	-0.00390625 ± 0.000976	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	~

Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	7		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.1326		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-13.79		
DigHwTrqSENT_HwTrq_HwNm_M_f32	5.0946		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-18		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1487		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-8.8091		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-13.71		
k_T1T2CMCLPFEnable_HwNm_f32	20		
k_T1T2SSLim_HwNm_f32	4		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	4.25385427	4.253854 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.25385427	4.253854 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	4.25385427	4.253854 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	2.09861231	2.098612221 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	2.09861231	2.098612221 ± 0.000976	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Case 3: Boundary Test



Specification

Performance Metrics: (With "None" instrumentation and WithPS Environment)

CPU Cycles:

TS3.1 2907.00 Cycles
TS3.2 2920.00 Cycles
TS3.3 2925.00 Cycles
TS3.4 2201.00 Cycles
TS3.5 2903.00 Cycles
TS3.6 2903.00 Cycles
TS3.7 2920.00 Cycles
TS3.9 2925.00 Cycles
TS3.10 2201.00 Cycles
TS3.11 2201.00 Cycles
TS3.12 2920.00 Cycles
TS3.12 2920.00 Cycles
TS3.13 2925.00 Cycles
TS3.14 2903.00 Cycles
TS3.15 2201.00 Cycles
TS3.16 2200.00 Cycles
TS3.17 2920.00 Cycles
TS3.18 2201.00 Cycles
TS3.19 2920.00 Cycles
TS3.20 2920.00 Cycles
TS3.21 2184.00 Cycles
TS3.22 2925.00 Cycles
TS3.23 2920.00 Cycles
TS3.24 2201.00 Cycles
TS3.25 2925.00 Cycles
TS3.26 2903.00 Cycles
TS3.27 2920.00 Cycles
TS3.28 2900.00 Cycles
TS3.29 2920.00 Cycles
TS3.31 2920.00 Cycles
TS3.32 2920.00 Cycles
TS3.33 2920.00 Cycles
TS3.34 2920.00 Cycles
TS3.35 2920.00 Cycles
TS3.36 2900.00 Cycles
TS3.37 2200.00 Cycles
TS3.38 2920.00 Cycles
TS3.39 2920.00 Cycles
TS3.39 2920.00 Cycles
TS3.39 2920.00 Cycles
TS3.39 2920.00 Cycles
TS3.34 2201.00 Cycles
TS3.34 2201.00 Cycles
TS3.34 2200.00 Cycles
TS3.35 2200.00 Cycles
TS3.36 2200.00 Cycles
TS3.37 2200.00 Cycles
TS3.38 2200.00 Cycles
TS3.39 2



Description Vector Description:

```
TS3.1 All Min
                                                           All Max
      TS3.2
     TS3.3 DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32==>Min
TS3.4 DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32==>Max
TS3.5 DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32==>Pos
TS3.4 DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32==>Max
TS3.5 DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32==>Pos
TS3.6 DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32==>Pos
TS3.7 DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32==>Neg
TS3.8 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32==>Min
TS3.9 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32==>Max
TS3.10 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32==>Pos
TS3.11 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32==>Pos
TS3.12 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32==>Neg
TS3.13 DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32==>Neg
TS3.14 DigHwTrqSENT_SSFiltKSV_M_str.SV==>Min
TS3.15 DigHwTrqSENT_SSFiltKSV_M_str.SV==>Nes
TS3.16 DigHwTrqSENT_SSFiltKSV_M_str.SV==>Neg
TS3.17 DigHwTrqSENT_SSFiltKSV_M_str.SV=>Neg
TS3.18 DigHwTrqSENT_SSFiltKSV_M_str.SV=>Neg
TS3.19 DigHwTrqSENT_SSFiltKSV_M_str.K=>Neg
TS3.19 DigHwTrqSENT_SSFiltKSV_M_str.K=>Neg
TS3.20 DigHwTrqSENT_SSFiltKSV_M_str.K=>Pos
TS3.21 DigHwTrqSENT_SSFiltKSV_M_str.K=>Pos
TS3.22 DigHwTrqSENT_HwTrq_HwNm_M_f32==>Min
TS3.23 DigHwTrqSENT_HwTrq_HwNm_M_f32==>Pos
TS3.24 DigHwTrqSENT_HwTrq_HwNm_M_f32==>Neg
TS3.25 DigHwTrqSENT_HwTrq_HwNm_M_f32==>Neg
TS3.26 K_T1T2CMCLPFEnable_HwNm_f32==>Neg
TS3.27 K_T172CMCLPFEnable_HwNm_f32==>Nex
TS3.28 K_T1T2CMCLPFEnable_HwNm_f32==>Nex
TS3.29 DigHwTrqSENT_HwTrq_HwNm_M_f32==>Nex
TS3.29 DigHwTrqSENT_HwTrq_HwNm_M_f32==>Nex
TS3.29 DigHwTrqSENT_HwTrq_HwNm_M_f32==>Nex
TS3.28 K_T1T2CMCLPFEnable_HwNm_f32==>Nex
TS3.28 DigHwTrqSENT_CMCEltTout_HwNm_M_f32==>Nex
TS3.29 DigHwTrqSENT_CMCERT_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_TABLE_T
                                                                k_T1T2CMCLPFEnable_HwNm_f32==>Pos
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32==>Min
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32==>Max
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32==>Pos
      TS3.28
      TS3.29
      TS3.30
      TS3.31
                                                                DIGHWITGSENT_CMCFIIIOUT_HWNm_M_f32==>Pos
DIGHWTTqSENT_CMCFIIIOUT_HWNm_M_f32==>Por
DIGHWTTqSENT_CMCFIIIOUT_HWNm_M_f32==>Neg
DIGHWTTqSENT_CMCFIIISV_HWNm_M_f32==>Min
DIGHWTTqSENT_CMCFIIISV_HWNm_M_f32==>Pos
DIGHWTTqSENT_CMCFIIISV_HWNm_M_f32==>Pos
DIGHWTTqSENT_CMCFIIISV_HWNm_M_f32==>Zero
      TS3.32
TS3.33
      TS3.35
TS3.36
                                                            DighwTrqSENT_CMCFiltSV_HwNm_M_f32==>Zero
DighwTrqSENT_CMCFiltSV_HwNm_M_f32==>Neg
DighwTrqSENT_TrqSum_HwNm_M_f32==>Max
DighwTrqSENT_TrqSum_HwNm_M_f32==>Max
DighwTrqSENT_TrqSum_HwNm_M_f32==>Neg
DighwTrqSENT_TrqSum_HwNm_M_f32==>Neg
DighwTrqSENT_TrqSum_HwNm_M_f32==>Neg
DighwTrqSENT_CMCFiltKSV_M_str.SV==>Min
DighwTrqSENT_CMCFiltKSV_M_str.SV==>Pos
DighwTrqSENT_CMCFiltKSV_M_str.SV==>Pos
DighwTrqSENT_CMCFiltKSV_M_str.SV=>>Pos
DighwTrqSENT_CMCFiltKSV_M_str.SV=>Neg
DighwTrqSENT_CMCFiltKSV_M_str.SV=>Neg
DighwTrqSENT_CMCFiltKSV_M_str.SV=>Neg
DighwTrqSENT_CMCFiltKSV_M_str.SV=>Neg
DighwTrqSENT_CMCFiltKSV_M_str.SV=>Nes
DighwTrqSENT_CMCFiltKSV_M_str.SV=>Nes
DighwTrqSENT_CMCFiltKSV_M_str.SV=>Nes
DighwTrqSENT_CMCFiltKSV_M_str.SV=>Nes
LighwTrqSENT_CMCFiltKSV_M_str.SV=>Pos
k_T1T2SSLim_HwNm_f32==>Min
k_T1T2SSLim_HwNm_f32==>Pos
      TS3.37
      TS3.38
      TS3 39
      TS3.40
      TS3.41
      TS3 42
      TS3.43
      TS3.44
     TS3.45
TS3.46
      TS3.48
      TS3.49
      TS3.51
      TS3.52
        TS3.53
                                                                   k_T1T2SSLim_HwNm_f32==>Pos
```

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-20		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-10		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-20		
k_T1T2CMCLPFEnable_HwNm_f32	0		
k_T1T2SSLim_HwNm_f32	0		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-20	-20 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.00390625	-0.00390625 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-0.00390625	-0.00390625 ± 0.000976	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.998132557		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	20		
DigHwTrqSENT_HwTrq_HwNm_M_f32	10		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132557		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_TrqSum_HwNm_M_f32	20		
k_T1T2CMCLPFEnable_HwNm_f32	20		
k_T1T2SSLim_HwNm_f32	20		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20	20 ± 0.000976	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20	20 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	20	20 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20	20 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	20	20 ± 0.000976	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-9		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.10145		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-6.683		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-17.57		
DigHwTrqSENT_HwTrq_HwNm_M_f32	7.3162		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	12		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1097		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-1.801		
DigHwTrqSENT_TrqSum_HwNm_M_f32	13.789		
k_T1T2CMCLPFEnable_HwNm_f32	13.5477		
k_T1T2SSLim_HwNm_f32	3		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-6.68805599	-6.68805595 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-6.68805599	-6.68805595 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-6.68805599	-6.68805595 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-2.87194753	-2.871947434 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-2.87194753	-2.871947434 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.4 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	7		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.1326		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-13.79		
DigHwTrqSENT_HwTrq_HwNm_M_f32	5.0946		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-18		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1487		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-8.8091		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-13.71		
k_T1T2CMCLPFEnable_HwNm_f32	20		
k_T1T2SSLim_HwNm_f32	4.5		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	4.25385427	4.253854 ± 0.000976	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.25385427	4.253854 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	4.25385427	4.253854 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	2.52426219	2.524262221 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	2.52426219	2.524262221 ± 0.000976	

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	-

Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.16375		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	3.7407		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-7.049		
DigHwTrqSENT_HwTrq_HwNm_M_f32	8.815		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1.23		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	1		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1877		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	15.7744		
DigHwTrqSENT_TrqSum_HwNm_M_f32	12.523		
k_T1T2CMCLPFEnable_HwNm_f32	6.5501		
k_T1T2SSLim_HwNm_f32	5		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20	20 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	3.74070001	3.7407 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-7.04899979	-7.049 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	3.95998383	3.95998388 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	3.95998383	3.95998388 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.6 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-5		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.1949		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	1.5899		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-2.13		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-5.326		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	11		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.2267		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	10.77		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-2.4253		
k_T1T2CMCLPFEnable_HwNm_f32	5.0546		
k_T1T2SSLim_HwNm_f32	6		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-5	-5 ± 0.000976	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	1.58990002	1.5899 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-2.13000011	-2.13 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	2.44155908	2.441559 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	2.44155908	2.441559 ± 0.000976	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	-

Test Step 3.7 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-6		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.22605		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-14.5		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-2.64		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-2.52		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-2.12		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	12		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.2657		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-8.8093		
DigHwTrqSENT_TrqSum_HwNm_M_f32	2.29		
k_T1T2CMCLPFEnable_HwNm_f32	18.4504		
k_T1T2SSLim_HwNm_f32	7.25		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-4.12604523	-4.1260455 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-4.12604523	-4.1260455 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-4.12604523	-4.1260455 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-3.89734697	-3.89734701 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-3.89734697	-3.89734701 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.8 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-2		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.2572		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	16.845		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	15.11245		
DigHwTrqSENT_HwTrq_HwNm_M_f32	1.6193		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	11.7643		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-7		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.3047		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.07		
k_T1T2CMCLPFEnable_HwNm_f32	2.722		
k_T1T2SSLim_HwNm_f32	8		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-5.87600422	-5.876004 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-5.87600422	-5.876004 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-5.87600422	-5.876004 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.528883934	-0.528883984 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-0.528883934	-0.528883984 ± 0.000976	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	-

Test Step 3.9 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	9		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.28835		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-18.722		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-17.6931		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-2.53		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-19.425		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	19		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.3437		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.68		
k_T1T2CMCLPFEnable_HwNm_f32	11.965		
k_T1T2SSLim_HwNm_f32	9		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	1.3068223	1.306822 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	1.3068223	1.306822 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	1.3068223	1.306822 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0.964735985	0.964736328 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0.964735985	0.964736328 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.10 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.3195		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	12.4951		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	16.788		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-5.709		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	11.1896		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	12		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.3827		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	6.02		
DigHwTrqSENT_TrqSum_HwNm_M_f32	14.249		
k_T1T2CMCLPFEnable_HwNm_f32	12.745		
k_T1T2SSLim_HwNm_f32	10.25		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-2.25244427	-2.2524445 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-2.25244427	-2.2524445 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-2.25244427	-2.2524445 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	8.6335907	8.633590328 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	8.6335907	8.633590328 ± 0.000976	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	-

Test Step 3.11 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	15		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.35065		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.48		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.1648		
DigHwTrqSENT_HwTrq_HwNm_M_f32	2.158		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	13.39409		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	7		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.4217		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	0		
DigHwTrqSENT_TrqSum_HwNm_M_f32	20		
k_T1T2CMCLPFEnable_HwNm_f32	12.814		
k_T1T2SSLim_HwNm_f32	11		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	16.7532501	16.75325 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	16.7532501	16.75325 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	16.7532501	16.75325 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	6.36355877	6.363558984 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	6.36355877	6.363558984 ± 0.000976	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.12 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	12		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.3818		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-9.98		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-17.842		
DigHwTrqSENT_HwTrq_HwNm_M_f32	3.229		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	9.0705		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	17		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.4607		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-19.12		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-19.209		
k_T1T2CMCLPFEnable_HwNm_f32	14.571		
k_T1T2SSLim_HwNm_f32	12		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	0.0844039917	0.0844038 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	0.0844039917	0.0844038 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	0.0844039917	0.0844038 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-3.9168644	-3.91686335 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-3.9168644	-3.91686335 ± 0.000976	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓

Test Step 3.13 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-1		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.41295		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	18.631		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	11.99		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-7.071		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-18.14		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.4997		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	12.39		
DigHwTrqSENT_TrqSum_HwNm_M_f32	6.922		
k_T1T2CMCLPFEnable_HwNm_f32	17.85		
k_T1T2SSLim_HwNm_f32	13.25		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	2.27138996	2.2713899 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	2.27138996	2.2713899 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	2.27138996	2.2713899 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.439646721	-0.439646297 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-0.439646721	-0.439646297 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.14 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-15		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.4441		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-0.86		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-18.495		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-8.7194		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-3.024		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.5387		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-7.812		
DigHwTrqSENT_TrqSum_HwNm_M_f32	19.122		
k_T1T2CMCLPFEnable_HwNm_f32	2.048		
k_T1T2SSLim_HwNm_f32	14		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-15	-15 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-0.860000014	-0.86 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-18.4950008	-18.495 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-5.60329533	-5.6032956 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-5.60329533	-5.6032956 ± 0.000976	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓

Test Step 3.15 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-12		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.47525		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.684		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-14.41		
DigHwTrqSENT_HwTrq_HwNm_M_f32	3.318		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	15.36		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	19.02		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.5777		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-10.353		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-15.07953		
k_T1T2CMCLPFEnable_HwNm_f32	8.283		
k_T1T2SSLim_HwNm_f32	15.12		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-13.4635468	-13.46354663 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-13.4635468	-13.46354663 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-13.4635468	-13.46354663 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0.405897141	0.405897509 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0.405897141	0.405897509 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.16 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.5064		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-3.723		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	7.436		
DigHwTrqSENT_HwTrq_HwNm_M_f32	7.609		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	12.409		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.6167		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-0.3		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-4.2348		
k_T1T2CMCLPFEnable_HwNm_f32	17.27		
k_T1T2SSLim_HwNm_f32	16		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-7.08050251	-7.08050272 ± 0.000976	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-7.08050251	-7.08050272 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-7.08050251	-7.08050272 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	4.57135963	4.5713597 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	4.57135963	4.5713597 ± 0.000976	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓

Test Step 3.17 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.53755		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.488		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-9.22		
DigHwTrqSENT_HwTrq_HwNm_M_f32	3.4593		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-4.685		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-4.02		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.6557		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-9.561		
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.2047		
k_T1T2CMCLPFEnable_HwNm_f32	5.63		
k_T1T2SSLim_HwNm_f32	17.12		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	9.3590374	9.359036485 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.3590374	9.359036485 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	9.3590374	9.359036485 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-7.88219357	-7.8821932 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-7.88219357	-7.8821932 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.18 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.5687		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.708		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	14.532		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-1.076		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	19.44		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	8		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-6.035		
DigHwTrqSENT_TrqSum_HwNm_M_f32	16.9027		
k_T1T2CMCLPFEnable_HwNm_f32	14.247		
k_T1T2SSLim_HwNm_f32	18		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	0.986566544	0.98656549 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	0.986566544	0.98656549 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	0.986566544	0.98656549 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	18.0039063	18.00390625 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	18.0039063	18.00390625 ± 0.000976	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.19 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-7		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.59985		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	2.5965		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-11.382		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-6.0707		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	15.7292		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-4		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132557		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-18.1577		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-13.054		
k_T1T2CMCLPFEnable_HwNm_f32	8.32		
k_T1T2SSLim_HwNm_f32	19.23		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10.6314917	-10.6314919 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.6314917	-10.6314919 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.6314917	-10.6314919 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-18.0944195	-18.09441815 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-18.0944195	-18.09441815 ± 0.000976	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.20 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	9		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.631		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-1.0684		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.725		
DigHwTrqSENT_HwTrq_HwNm_M_f32	0.4051		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-17.694		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.57897		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-0.22		
DigHwTrqSENT_TrqSum_HwNm_M_f32	13.842		
k_T1T2CMCLPFEnable_HwNm_f32	17.52		
k_T1T2SSLim_HwNm_f32	20		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	12.0553017	12.055302 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	12.0553017	12.055302 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	12.0553017	12.055302 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-7.57707787	-7.57707822 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-7.57707787	-7.57707822 ± 0.000976	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.21 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-9		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.66215		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	6.62		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	0.7522		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-10		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	18.9318		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-14		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1182		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.5532		
DigHwTrqSENT_TrqSum_HwNm_M_f32	6.761785		
k_T1T2CMCLPFEnable_HwNm_f32	9.0893		
k_T1T2SSLim_HwNm_f32	1		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-9	-9 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	6.61999989	6.62 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	0.752200007	0.7522 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.48034358	-0.480343709 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-0.48034358	-0.480343709 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.22 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-8		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.6933		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	11.407		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	5.4054		
DigHwTrqSENT_HwTrq_HwNm_M_f32	10		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-5.0752		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-14		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1589		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	15.4459		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-10.8864		
k_T1T2CMCLPFEnable_HwNm_f32	17.555		
k_T1T2SSLim_HwNm_f32	2		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10.0011415	-10.00114112 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.0011415	-10.00114112 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.0011415	-10.00114112 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0.768867731	0.768867963 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0.768867731	0.768867963 ± 0.000976	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.23 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-14		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.72445		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-17.328		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	4.8765		
DigHwTrqSENT_HwTrq_HwNm_M_f32	1.05		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1.519		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1996		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	4.13		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-18.082		
k_T1T2CMCLPFEnable_HwNm_f32	4.5944		
k_T1T2SSLim_HwNm_f32	3.02		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-16.9572048	-16.9572049 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-16.9572048	-16.9572049 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-16.9572048	-16.9572049 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	2.04015565	2.0401556 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	2.04015565	2.0401556 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.24 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-7		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.7556		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-13.553		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-15.891		
DigHwTrqSENT_HwTrq_HwNm_M_f32	0		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	11.4515		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-4		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.2403		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	10.951		
DigHwTrqSENT_TrqSum_HwNm_M_f32	17.36		
k_T1T2CMCLPFEnable_HwNm_f32	15.353		
k_T1T2SSLim_HwNm_f32	4.36		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	11.4064159	11.406416 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	11.4064159	11.406416 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	11.4064159	11.406416 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	5.94678497	5.946784878 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	5.94678497	5.946784878 ± 0.000976	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	-

Test Step 3.25 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-1		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.78675		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-15.891		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	18.662		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-3.12		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-17.806		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-16		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.281		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	18.0432		
DigHwTrqSENT_TrqSum_HwNm_M_f32	0.119		
k_T1T2CMCLPFEnable_HwNm_f32	18.881		
k_T1T2SSLim_HwNm_f32	5		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-0.11962676	-0.11962675 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-0.11962676	-0.11962675 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-0.11962676	-0.11962675 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1.47233009	1.472330606 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	1.47233009	1.472330606 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.26 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	17		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.8179		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-17.89		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-4.3124		
DigHwTrqSENT_HwTrq_HwNm_M_f32	4.152		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	4.29078		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-9		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.3217		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-6.428		
DigHwTrqSENT_TrqSum_HwNm_M_f32	7.487		
k_T1T2CMCLPFEnable_HwNm_f32	0		
k_T1T2SSLim_HwNm_f32	6		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	17	17 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-17.8899994	-17.89 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-4.31239986	-4.3124 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0.84254837	0.842548474 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0.84254837	0.842548474 ± 0.000976	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	-

Test Step 3.27 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-19		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.84905		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	2.3727		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-5.758		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-9.1979		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.783		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	6		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.3624		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	2.26		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-17.301		
k_T1T2CMCLPFEnable_HwNm_f32	20		
k_T1T2SSLim_HwNm_f32	7.52		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-17.5574646	-17.55746405 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-17.5574646	-17.55746405 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-17.5574646	-17.55746405 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	0.319783211	0.3197832 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0.319783211	0.3197832 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.28 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	11		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.8802		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	19.2423		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-18.3687		
DigHwTrqSENT_HwTrq_HwNm_M_f32	3.6037		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-7.7752		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	14		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.4031		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-16.6916		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-19.441		
k_T1T2CMCLPFEnable_HwNm_f32	3.21		
k_T1T2SSLim_HwNm_f32	8		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	11	11 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	19.2423	19.2423 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-18.3687	-18.3687 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-11.369401	-11.36940084 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-11.369401	-11.36940084 ± 0.000976	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.29 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-17		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.91135		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-20		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	16.495		
DigHwTrqSENT_HwTrq_HwNm_M_f32	8.889		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	5.53		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	0		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.4438		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	6.009		
DigHwTrqSENT_TrqSum_HwNm_M_f32	19.1894		
k_T1T2CMCLPFEnable_HwNm_f32	18.298		
k_T1T2SSLim_HwNm_f32	9.36		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	15.9812088	15.98120969 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	15.9812088	15.98120969 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	15.9812088	15.98120969 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	5.74258041	5.7425802 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	5.74258041	5.7425802 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.30 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	5		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.9425		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	0.235713		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-2.851		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	6.56		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-13		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.4845		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.188		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-11.393		
k_T1T2CMCLPFEnable_HwNm_f32	10.9788		
k_T1T2SSLim_HwNm_f32	10		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10.4504023	-10.4504025 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.4504023	-10.4504025 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.4504023	-10.4504025 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1.83709383	1.837094 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	1.83709383	1.837094 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓

Test Step 3.31 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	8		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.97365		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	8.15		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-3.29739		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-7.5378		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-9.1844		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	16		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.5252		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	19.3773		
DigHwTrqSENT_TrqSum_HwNm_M_f32	16.61		
k_T1T2CMCLPFEnable_HwNm_f32	13.669		
k_T1T2SSLim_HwNm_f32	11.32		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	16.3831272	16.3831265 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	16.3831272	16.3831265 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	16.3831272	16.3831265 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	5.81620502	5.81620484 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	5.81620502	5.81620484 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.32 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	11		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.118		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	0		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	18.18004		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-1.0637		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-8.546		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-5		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.5659		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-15.3		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-1.7311		
k_T1T2CMCLPFEnable_HwNm_f32	9.59		
k_T1T2SSLim_HwNm_f32	12		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	9.49773026	9.4977302 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	9.49773026	9.4977302 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	9.49773026	9.4977302 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-12.3680887	-12.3680886 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-12.3680887	-12.3680886 ± 0.000976	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.33 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-4		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.167		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-16.2		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-9.6991		
DigHwTrqSENT_HwTrq_HwNm_M_f32	6.203		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	14.0218		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-7		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.6066		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	17.861		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-13.032		
k_T1T2CMCLPFEnable_HwNm_f32	3.287		
k_T1T2SSLim_HwNm_f32	13.7		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-4	-4 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-16.2000008	-16.2 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-9.69909954	-9.6991 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	16.2255993	16.22559932 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	16.2255993	16.22559932 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.34 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	11		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.216		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	14.8411		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-20		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-2.479		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	13.808		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	11		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.6473		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	5.428		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-8.21		
k_T1T2CMCLPFEnable_HwNm_f32	13.504		
k_T1T2SSLim_HwNm_f32	14		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	6.8506403	6.85064 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	6.8506403	6.85064 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	6.8506403	6.85064 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	8.38362598	8.383626 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	8.38362598	8.383626 ± 0.000976	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	-

Test Step 3.35 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-13		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.265		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-17.189		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	20		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-1.348		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	4.155		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-12		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.688		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-5.743		
DigHwTrqSENT_TrqSum_HwNm_M_f32	10.754		
k_T1T2CMCLPFEnable_HwNm_f32	12.865		
k_T1T2SSLim_HwNm_f32	15.12		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-6.70519018	-6.70519 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-6.70519018	-6.70519 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-6.70519018	-6.70519 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-2.65482473	-2.654824 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-2.65482473	-2.654824 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.36 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	18		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.314		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-14.541		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	12.22		
DigHwTrqSENT_HwTrq_HwNm_M_f32	5.699		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-2		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.7287		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-13.8809		
DigHwTrqSENT_TrqSum_HwNm_M_f32	15.00808		
k_T1T2CMCLPFEnable_HwNm_f32	17.9333		
k_T1T2SSLim_HwNm_f32	16		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	17.0605373	17.06053712 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	17.0605373	17.06053712 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	17.0605373	17.06053712 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-5.77315331	-5.773152064 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-5.77315331	-5.773152064 ± 0.000976	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.37 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-7		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.363		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	19.533		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	0		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-0.8317		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	17.34		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-11		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.7694		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-0.3208		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-9.5073		
k_T1T2CMCLPFEnable_HwNm_f32	7.7128		
k_T1T2SSLim_HwNm_f32	17.32		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-7.91015005	-7.9101499 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-7.91015005	-7.9101499 ± 0.000976	•
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-7.91015005	-7.9101499 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	3.74806881	3.748069261 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	3.74806881	3.748069261 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.38 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-18		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.412		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	14.1904		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-16.91		
DigHwTrqSENT_HwTrq_HwNm_M_f32	5.1164		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-10.698		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	16		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.8101		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-11.0042		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-5.761		
k_T1T2CMCLPFEnable_HwNm_f32	1.11528		
k_T1T2SSLim_HwNm_f32	18		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-18	-18 ± 0.000976	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	14.1904001	14.1904 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-16.9099998	-16.91 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-10.9460526	-10.94605262 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-10.9460526	-10.94605262 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓

Test Step 3.39 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-8		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.461		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	13.76		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-4.55899		
DigHwTrqSENT_HwTrq_HwNm_M_f32	0.6415		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	8.49		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	5		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.8508		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-20		
k_T1T2CMCLPFEnable_HwNm_f32	10.622		
k_T1T2SSLim_HwNm_f32	19		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-13.5319996	-13.532 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-13.5319996	-13.532 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-13.5319996	-13.532 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	18.2827072	18.282708 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	18.2827072	18.282708 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.40 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	6		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.51		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-13.9702		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-6.355		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-5		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.8915		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-14.652		
DigHwTrqSENT_TrqSum_HwNm_M_f32	20		
k_T1T2CMCLPFEnable_HwNm_f32	10.622		
k_T1T2SSLim_HwNm_f32	17.5		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	13.1399994	13.14 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	13.1399994	13.14 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	13.1399994	13.14 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-11.163084	-11.16308417 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-11.163084	-11.16308417 ± 0.000976	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.41 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-14		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.559		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.195		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	10.056		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-4.16079		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-9.998		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-5		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.9322		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-18.8156		
DigHwTrqSENT_TrqSum_HwNm_M_f32	1.22		
k_T1T2CMCLPFEnable_HwNm_f32	7.8739		
k_T1T2SSLim_HwNm_f32	1		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-5.49201965	-5.49202 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-5.49201965	-5.49202 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-5.49201965	-5.49202 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-17.6079674	-17.60796716 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-17.6079674	-17.60796716 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.42 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	16		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.608		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	7.17443		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.966		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-8.167		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1.88		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	15		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.9729		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-5.83		
DigHwTrqSENT_TrqSum_HwNm_M_f32	0		
k_T1T2CMCLPFEnable_HwNm_f32	9.476028		
k_T1T2SSLim_HwNm_f32	2		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	6.27200031	6.272 ± 0.000976	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	6.27200031	6.272 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	6.27200031	6.272 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-5.62105894	-5.621059 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-5.62105894	-5.621059 ± 0.000976	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.43 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-14		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.657		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	5.6705		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-11.3799		
DigHwTrqSENT_HwTrq_HwNm_M_f32	10		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-15.63		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	4		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1176		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	2.454		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-15.25		
k_T1T2CMCLPFEnable_HwNm_f32	10.622		
k_T1T2SSLim_HwNm_f32	3		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-14.82125	-14.82125 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-14.82125	-14.82125 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-14.82125	-14.82125 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-2.36205649	-2.362056475 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-2.36205649	-2.362056475 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.44 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.706		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	19.799		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-6.75018		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-4.0447		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	18		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.137		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	17.8411		
DigHwTrqSENT_TrqSum_HwNm_M_f32	18.71		
k_T1T2CMCLPFEnable_HwNm_f32	20		
k_T1T2SSLim_HwNm_f32	4.02		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	7.32925797	7.32926 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	7.32925797	7.32926 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	7.32925797	7.32926 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	5.91686153	5.916861794 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	5.91686153	5.916861794 ± 0.000976	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	-

Test Step 3.45 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.755		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-2.749		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-2.6244		
DigHwTrqSENT_HwTrq_HwNm_M_f32	2.9801		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	7.723		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	1		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1564		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	2.06809		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-9.4		
k_T1T2CMCLPFEnable_HwNm_f32	20		
k_T1T2SSLim_HwNm_f32	5		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-2.1970005	-2.197 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-2.1970005	-2.197 ± 0.000976	•
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-2.1970005	-2.197 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	4.54474449	4.544744589 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	4.54474449	4.544744589 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.46 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	14.25		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.804		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-17.675		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	10.39		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-3.5607		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-19.35		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-7		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1758		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-3.3367		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-19.27		
k_T1T2CMCLPFEnable_HwNm_f32	13.6503		
k_T1T2SSLim_HwNm_f32	6.036		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-12.7000809	-12.70008 ± 0.000976	✓
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-12.7000809	-12.70008 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-12.7000809	-12.70008 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-5.56468248	-5.564682591 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-5.56468248	-5.564682591 ± 0.000976	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	~

Test Step 3.47 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	0		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.853		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	16.008		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-15.144		
DigHwTrqSENT_HwTrq_HwNm_M_f32	7.89		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	3.58		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	15		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1952		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	14.737		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-6.7898		
k_T1T2CMCLPFEnable_HwNm_f32	12.894		
k_T1T2SSLim_HwNm_f32	7		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-5.79169941	-5.7916994 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-5.79169941	-5.7916994 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-5.79169941	-5.7916994 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	5.75784636	5.7578464 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	5.75784636	5.7578464 ± 0.000976	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.48 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-1.12		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.902		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-13.32		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-2.134		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-3.3016		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-15.89		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-10		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.2146		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	13.875		
DigHwTrqSENT_TrqSum_HwNm_M_f32	4.6088		
k_T1T2CMCLPFEnable_HwNm_f32	11.198		
k_T1T2SSLim_HwNm_f32	8.25		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	4.04737759	4.0473776 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.04737759	4.0473776 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	4.04737759	4.0473776 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-3.50504303	-3.505042969 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-3.50504303	-3.505042969 ± 0.000976	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	•

Test Step 3.49 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	11		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-9.786		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	13.8		
DigHwTrqSENT_HwTrq_HwNm_M_f32	6.703		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-15.77		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-10		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.234		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	7.5695		
DigHwTrqSENT_TrqSum_HwNm_M_f32	-4.465		
k_T1T2CMCLPFEnable_HwNm_f32	15.05		
k_T1T2SSLim_HwNm_f32	9		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	11	11 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	11	11 ± 0.000976	~
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	11	11 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-5.12572956	-5.125729188 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-5.12572956	-5.125729188 ± 0.000976	~

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.50 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	9		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.998132557		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	4.926		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	3.5052		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-6.337		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	12.754		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-13		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.2534		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	9.597		
DigHwTrqSENT_TrqSum_HwNm_M_f32	6.328		
k_T1T2CMCLPFEnable_HwNm_f32	15.05		
k_T1T2SSLim_HwNm_f32	10.24		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	6.33298969	6.332989807 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	6.33298969	6.332989807 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	6.33298969	6.332989807 ± 0.000976	✓
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	10.0799799	10.07998021 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	10.0799799	10.07998021 ± 0.000976	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	-

Test Step 3.51 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-12		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.63785		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-5.021		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	11.52		
DigHwTrqSENT_HwTrq_HwNm_M_f32	-3.69		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-8.336		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-6		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.2728		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	20		
DigHwTrqSENT_TrqSum_HwNm_M_f32	10.421		
k_T1T2CMCLPFEnable_HwNm_f32	6.5948		
k_T1T2SSLim_HwNm_f32	11		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	2.30123425	2.30123485 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	2.30123425	2.30123485 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	2.30123425	2.30123485 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-0.605939388	-0.6059392 ± 0.000976	✓
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-0.605939388	-0.6059392 ± 0.000976	~

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	~
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	✓



Test Step 3.52 (Repeat Count = 1) ✓				
Name	Input Value			
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-7			
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.59985			
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	2.5965			
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-11.382			
DigHwTrqSENT_HwTrq_HwNm_M_f32	-6.0707			
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-20			
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-4			
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.998132557			
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	-20			
DigHwTrqSENT_TrqSum_HwNm_M_f32	-13.054			
k_T1T2CMCLPFEnable_HwNm_f32	8.32			
k_T1T2SSLim_HwNm_f32	0			
Name	Actual Value	Expected Value	Result	
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	-10.6314917	-10.6314919 ± 0.000976	✓	
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	-10.6314917	-10.6314919 ± 0.000976	✓	
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-10.6314917	-10.6314919 ± 0.000976	✓	
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	-19.9626598	-19.96265844 ± 0.000976	✓	
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	-19.9626598	-19.96265844 ± 0.000976	~	



Test Step 3.54 (Repeat Count = 1)			✓
Name	Input Value		
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20		
DigHwTrqSENT_CMCFiltKSV_M_str.K_Uls_f32	0.16375		
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	3.7407		
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-7.049		
DigHwTrqSENT_HwTrq_HwNm_M_f32	8.815		
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	1		
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	1		
DigHwTrqSENT_SSFiltKSV_M_str.K_Uls_f32	0.1877		
DigHwTrqSENT_TDiagFiltOut_HwNm_M_f32	15.7744		
DigHwTrqSENT_TrqSum_HwNm_M_f32	12.523		
k_T1T2CMCLPFEnable_HwNm_f32	6.5501		
k_T1T2SSLim_HwNm_f32	10.3		
Name	Actual Value	Expected Value	Result
DigHwTrqSENT_CMCFiltKSV_M_str.SV_Uls_f32	20	20 ± 0.000976	~
DigHwTrqSENT_CMCFiltOut_HwNm_M_f32	3.74070001	3.7407 ± 0.000976	✓
DigHwTrqSENT_CMCFiltSV_HwNm_M_f32	-7.04899979	-7.049 ± 0.000976	~
DigHwTrqSENT_SSDiagFiltOut_HwNm_M_f32	3.77315497	3.77315488 ± 0.000976	~
DigHwTrqSENT_SSFiltKSV_M_str.SV_Uls_f32	3.77315497	3.77315488 ± 0.000976	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP0_CheckpointReached	1	•
Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	Rte_Call_DigHwTrqSENT_Per3_CP1_CheckpointReached	1	~