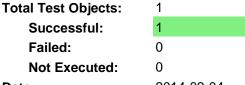
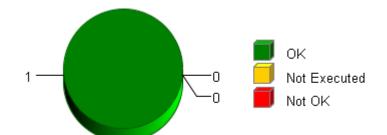


Summary

Overall Test Object Results (including Coverage)



Date: 2014-09-04 **Time:** 17:48:14+0530



Selected Project Items

Test Object "CBD_UnitTest/EtDmpFw_FLTINJ/EtDmpFw_Per1"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

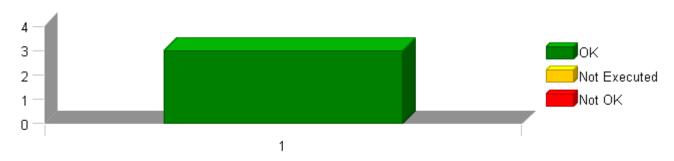
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

Coverage: Statement Coverage, Branch Coverage, Decision Coverage, Modified Condition /

Decision Coverage, Multiple Condition Coverage

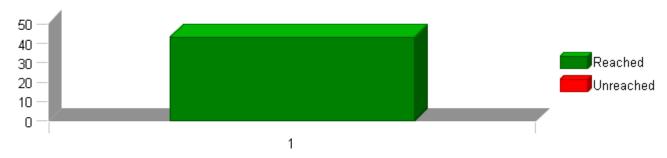
Test Case Results for Each Test Object (without Coverage)



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

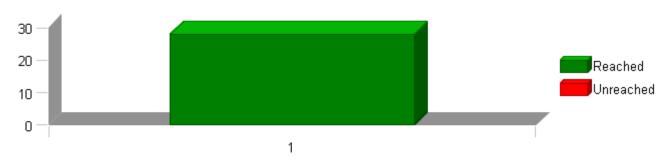


Statement (C0) Coverage: Total Statements for Each Test Object



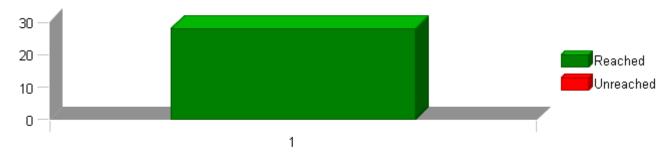
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

Decision Coverage: Total Decision Outcomes for Each Test Object

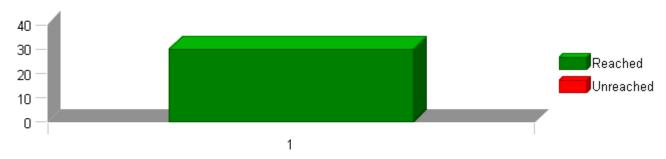


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



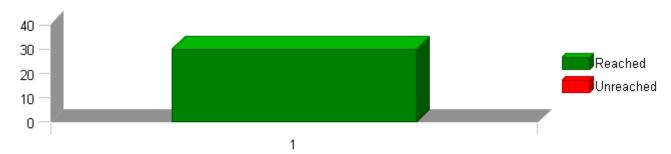
MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

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 OVERVIEW REPORT

2014-09-04, 17:48:14+0530



Test Object List

Project EtDmpFw

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
	EtDmpFw	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	~
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•
	EtDmpFw_FLTINJ	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•
1	EtDmpFw_Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	~

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2014-09-04, 17:48:06+0530



EtDmpFw_Per1

 Project
 EtDmpFw

 Module
 EtDmpFw_FLTINJ

 Test Object
 EtDmpFw_Per1

Instrumentation: Test Object Only

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_EtDmpFw
Configuration File	D:\Synergy_Work_Area\CBD_EtDmpFw\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)\EtDmpFw\src\Ap_EtDmpFw.c
Compiler Options	-D_DATA_ACCESS= -DBC_ETDMPFW_FAULTINJECTIONPOINT=STD_ON -Dconst= -I\$(PROJECTROOT)\EtDmpFw\utp\contract -I\$ (PROJECTROOT)\EtDmpFw\utp\contract\Ap_EtDmpFw -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$ (Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -DBC_ETDMPFW_FAULTINJECTIONPOINT=STD_ON -Dconst= -I\$(PROJECTROOT)\EtDmpFw\utp\contract -I\$ (PROJECTROOT)\EtDmpFw\utp\contract\Ap_EtDmpFw -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$ (Compiler Install Path)\include

Comments/Description/Spe	ecification
Name	Text
Module 'EtDmpFw_FLTINJ'	Name of Tester:Mazeed Abdul Code File(s) Under Test:Ap_EtDmpFw.c Code File(s) Version:5 Module Design Document:EOTDampingFirewall_MDD.doc Module Design Document Version:7 Data Dictionary Version:5 Unit Test Plan Version:5 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes):774 Total RAM Used (Bytes):79 Total CALS Used (Bytes):34 Special Test Requirements: Test Date:09-04-2014 Comments:"NOTE1: Inline function defined in globalmacro.h is not unit tested. NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for refrence. NOTE3: Regarding DD and MDD Modification:- MDD: Received Version: 6 Modified version: 7 MDD section ""6.3.1.4, 4.2.1.2 , 5.1 "" are updated to address the changes as per SRC."

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

2014-09-04, 17:48:06+0530



Attributes					
Name	Value				
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src				
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd				
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl				
Target Install Path	\$(ProgramFiles)\pls\UDE 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_EtDmpFw\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP				



```
Test Case 1: Metrics Test

Specification

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

TS1.1 2356.00 Cycles
TS1.2 2459.00 Cycles

Description

TS1.1 "Shortest Execution Path=>
(STD_ON == BC_ETDMPFW_FAULTIN_ECTIONPOINT)=TRUE
EOTDmpFWdclt.d_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UprBndActive_MtrNm_T_f32)=>TRUE
EOTDmpFWlnactiveLim_MtrNm_T32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWlnactiveLim_MtrNm_f32,
k_EOTDmpFWlnactiveLim_MtrNm_f32)=>TRUE
(Abs_f32_m(HandwheelPosition HwDeg_T_f32)>= EOTDmpFWX0_HwDeg_T_f32)=>TRUE
(HandwheelAuthority_UIs_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_UIs_u8p8, u8p8_T))=>TRUE
((EOTDisable_Cnt_T_gc I= D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode))=>TRUE

TS1.2 "Longest Execution Path=>
(STD_ON == BC_ETDMPFW_FAULTIN_ECTIONPOINT)=>TRUE
EOTDmpFWlnactiveLim_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UprBndActive_MtrNm_T_f32)=>FALSE
EOTDmpFWlnactiveLim_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWlnactiveLim_MtrNm_f32),
k_EOTDmpFWlnactiveLim_MtrNm_f32)=>FALSE
(Abs_f32_m(HandwheelPosition HwDeg_T_f32)>= EOTDmpFWX0_HwDeg_T_f32)=>FALSE
(HandwheelAuthority_UIs_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_UIs_u8p8, u8p8_T))=>FALSE
((EOTDIsable_Cnt_T_Igc I= D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode))=>FALSE
((EOTDIsable_Cnt_T_Igc I= D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode))=>FALSE
```

Test Step 1.1 (Repeat Count = 1) ✓				
Name	Input Value			
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal			
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw			
k_EOTDmpFWInactiveLim_MtrNm_f32	5.225780821			
k_EOTDynConf_Uls_u8p8	0			
k_MinRackTrvl_HwDeg_u12p4	1408			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2304			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	960			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1440			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	15360			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	23040			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1040			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	1024			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1648			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	8400			

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2014-09-04, 17:48:06+0530



Name	Input Value		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	8800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	9200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	9600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	10000		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	6400		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	9600		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12800		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16000		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.037617803		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	327.335121		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	125.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	8.8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	n_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	~

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•		
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~		
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	•		

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath UIs f32)	tgt Rte Call Ap EtDmpFw FaultInjection SCom FltInjection Signal
Rte Inst Ap EtDmpFw	tgt Rte Inst Ap EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8
k EOTDynConf Uls u8p8	25600
k MinRackTrvl HwDeg u12p4	23042
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	14400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	14400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	230400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	230400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	14400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	14400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	14400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	14400

2014-09-04, 17:48:06+0530



Name	Input Value		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[0]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	65408		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	2.4		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1600		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	255		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	2.4		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	<u>f</u> 32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.4000001	2.4 ± 0.000488281	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

EtDmpFw_Per1

2014-09-04, 17:48:06+0530



Test Case 2: Boundary Test

2014-09-04, 17:48:06+0530

EtDmpFw_Per1



Specification

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

TS2.1 2444.00 Cycles
TS2.2 2386.00 Cycles
TS2.3 2419.00 Cycles
TS2.4 2433.00 Cycles
TS2.5 2466.00 Cycles
TS2.5 2466.00 Cycles
TS2.6 2402.00 Cycles
TS2.7 2393.00 Cycles
TS2.8 2485.00 Cycles
TS2.9 2369.00 Cycles
TS2.10 2413.00 Cycles
TS2.11 2424.00 Cycles
TS2.12 2399.00 Cycles
TS2.12 2399.00 Cycles
TS2.13 2388.00 Cycles
TS2.14 2388.00 Cycles
TS2.15 2454.00 Cycles
TS2.16 2362.00 Cycles
TS2.17 2307.00 Cycles
TS2.18 2312.00 Cycles
TS2.19 2391.00 Cycles
TS2.20 2304.00 Cycles
TS2.21 2353.00 Cycles
TS2.22 2349.00 Cycles
TS2.23 2322.00 Cycles
TS2.24 2400.00 Cycles
TS2.25 2322.00 Cycles
TS2.26 2305.00 Cycles
TS2.27 2383.00 Cycles
TS2.28 2342.00 Cycles
TS2.29 2302.00 Cycles
TS2.29 2302.00 Cycles
TS2.29 2349.00 Cycles
TS2.30 2456.00 Cycles
TS2.31 2411.00 Cycles
TS2.32 2456.00 Cycles
TS2.33 2693.00 Cycles
TS2.34 2348.00 Cycles
TS2.35 2407.00 Cycles
TS2.36 2389.00 Cycles
TS2.37 2408.00 Cycles
TS2.38 2362.00 Cycles
TS2.39 2362.00 Cycles
TS2.44 2334.00 Cycles
TS2.45 2338.00 Cycles
TS2.46 2399.00 Cycles
TS2.47 2338.00 Cycles
TS2.48 2367.00 Cycles
TS2.49 2360.00 Cycles
TS2.49 2370.00 Cycles
TS2.50 2409.00 Cycles
TS2.51 2327.00 Cycles
TS2.52 2332.00 Cycles
TS2.52 2332.00 Cycles
TS2.53 2321.00 Cycles
TS2.55 2332.00 Cycles





Description Vector Description

TS2.1 AssistEOTDamping_MtrNm_f32==>Min TS2.2 AssistEOTDamping_MtrNm_f32==>Max TS2.3 AssistEOTDamping_MtrNm_f32==>Pos
TS2.4 AssistEOTDamping_MtrNm_f32==>Zero
TS2.5 AssistEOTDamping_MtrNm_f32==>Neg
TS2.6 CRFMtrVel_MtrRadpS_f32==>Min
TS2.7 CRFMtrVel_MtrRadpS_f32==>Pos
TS2.8 CRFMtrVel_MtrRadpS_f32==>Pos TS2.8 CRFMtrVel_MtrRadpS_f32==>Pos
TS2.9 CRFMtrVel_MtrRadpS_f32==>Pos
TS2.10 CRFMtrVel_MtrRadpS_f32==>Neg
TS2.11 HandwheelAuthority_Uls_f32==>Min
TS2.12 HandwheelAuthority_Uls_f32==>Min
TS2.13 HandwheelAuthority_Uls_f32==>Pos
TS2.14 HandwheelPosition_HwDeg_f32==>Min
TS2.15 HandwheelPosition_HwDeg_f32==>Max
TS2.16 HandwheelPosition_HwDeg_f32==>Pos
TS2.17 HandwheelPosition_HwDeg_f32==>Neg
TS2.18 HandwheelPosition_HwDeg_f32==>Neg
TS2.19 k_MinRackTrvl_HwDeg_u12p4==>Min
TS2.20 k_GinRackTrvl_HwDeg_u12p4==>Min
TS2.21 k_MinRackTrvl_HwDeg_u12p4==>Min
TS2.22 k_EOTDynConf_Uls_u8p8==>Min
TS2.23 k_EOTDynConf_Uls_u8p8==>Pos
TS2.25 k_EOTDmpFWinactiveLim_MtrNm_f32== k_EOTDmpFWInactiveLim_MtrNm_f32==>Min k_EOTDmpFWInactiveLim_MtrNm_f32==>Max k_EOTDmpFWInactiveLim_MtrNm_f32==>Pos TS2.25 TS2 26 TS2.27 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Min t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Max t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Pos t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Zero TS2.28 TS2.29 TS2.30 TS2.31 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Zero
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Neg
t_EOTDmpFWVehSpd_Kph_u9p7[4]==>Min
t_EOTDmpFWVehSpd_Kph_u9p7[4]==>Pos
EOTDmpFWVehSpd_Kph_u9p7[4]==>Pos
EOTDmpFWMode_Cnt_M_u08==>Min
EOTDmpFWMode_Cnt_M_u08==>Max TS2.32 TS2.33 TS2.34 TS2.35 TS2.36 TS2.37 EOTDmpFWMode_Cnt_M_u08==>Pos EOTDisable_Cnt_lgc==>Min EOTDisable_Cnt_lgc==>Max TS2.38 TS2 39 TS2.40 MEC_Counter_Cnt_enum==> ProductionMode
MEC_Counter_Cnt_enum==> ManufacturingMode
MEC_Counter_Cnt_enum==> EngineeringMode TS2.41 TS2 42 TS2.43 TS2.44 Vehicle_Speed_Kph_f32==>Min TS2.44 Venicle_Speed_Kpn_T32==>Nin
TS2.45 Vehicle_Speed_Kph_f32==>Max
TS2.46 Vehicle_Speed_Kph_f32==>Max
TS2.47 Rte_Call_FaultInjection_SCom_FitInjection==>Min
TS2.48 Rte_Call_FaultInjection_SCom_FitInjection==>Max
TS2.49 Rte_Call_FaultInjection_SCom_FitInjection==>Pos
TS2.50 Rte_Call_FaultInjection_SCom_FitInjection==>Zero
TS2.51 Rte_Call_FaultInjection_SCom_FitInjection==>Neg
TS2.52 All Min TS2.53 All Max

Test Step 2.1 (Repeat Count = 1)		
Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	
k_EOTDmpFWInactiveLim_MtrNm_f32	4	
k_EOTDynConf_Uls_u8p8	58112	
k_MinRackTrvl_HwDeg_u12p4	8192	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	0	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1024	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	128	

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EtDmpFw_Per1

Name

EOTDmpFWMode Cnt M u08

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

2014-09-04, 17:48:06+0530



Result

Input Value t2 EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 320 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 160 t2 EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 240 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 144 t2 EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 288 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 400 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 800 $t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]$ 1200 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 1600 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 2000 t_EOTDmpFWVehSpd_Kph_u9p7[0] 3200 t_EOTDmpFWVehSpd_Kph_u9p7[1] 6400 t_EOTDmpFWVehSpd_Kph_u9p7[2] 9600 t_EOTDmpFWVehSpd_Kph_u9p7[3] 12800 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -8.8 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value -618.4260768 $tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value$ tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 1 $tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value$ 933.4763624 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 0 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 0 tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc$ tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt EtDmpFw Per1 HandwheelAuthority Uls f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32$ tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 MEC Counter Cnt enum tgt EtDmpFw Per1 MEC Counter Cnt enum $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32$ tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	•

Actual Value

0

1

Expected Value

1 ± 0.000488281

0

Test Step 2.2 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	7.9
k_EOTDynConf_Uls_u8p8	2816
k_MinRackTrvI_HwDeg_u12p4	4704
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1280
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	256
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	608

2014-09-04, 17:48:06+0530



Name	Input Value		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][0]	384		
t2 EOTPosDepDmpTbIX HwDeg_u12p4[1][1]	720		
t2 EOTPosDepDmpTbIX HwDeg_u12p4[2][0]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	400		
t2 EOTPosDepDmpTbIX HwDeg u12p4[3][0]	320		
t2 EOTPosDepDmpTbIX HwDeg u12p4[3][1]	560		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[0]	2000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	4000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	8400		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[3]	9600		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[4]	11200		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	3840		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	7040		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	10240		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	13440		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	185.6300671		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1486.55628		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	25.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNi	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1	-1 ± 0.000488281	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Test Step 2.3 (Repeat Count = 1)	√
Name	Input Value
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath UIs f32)	tgt Rte Call Ap EtDmpFw FaultInjection SCom FltInjection Signal
Rte Inst Ap EtDmpFw	tgt_Rte_Call_Ap_EtDmpFw_raditinjection_Scotil_Fittinjection_Signal
k EOTDmpFWInactiveLim MtrNm f32	0.126168191
k EOTDynConf Uls u8p8	29952
_ ,	13344
k_MinRackTrvl_HwDeg_u12p4	122.1
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1536 -1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1536
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	432

2014-09-04, 17:48:06+0530



Name	Input Value		
	816		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	640		
	1120		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	560		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	496		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	832		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	3600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	4000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	4400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	4800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	5200		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	4480		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	7680		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	10880		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	14080		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	2.1		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	556.4676778		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.178307056		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	942.1494973		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	50.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNi	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_end	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0.126168191	0.126168191 ± 0.000488281	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Test Step 2.4 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	6.370175004
k_EOTDynConf_Uls_u8p8	48384
k_MinRackTrvl_HwDeg_u12p4	14528
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1792

EtDmpFw_Per1

2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	608		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1104		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	5200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	5600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	6000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	6400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	6800		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5120		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8320		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	14720		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	0		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-96.87578166		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.368849635		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-52.3538835		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	75.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2	-2 ± 0.000488281	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	•

Test Step 2.5 (Repeat Count = 1)	· · · · · ·
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	6.017341578
k_EOTDynConf_Uls_u8p8	49664
k_MinRackTrvl_HwDeg_u12p4	3216
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1536
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][3]	1792

2014-09-04, 17:48:06+0530



EtDmpFw_Per1	04, 17.46.00+0530	Razorcat
Name	Input Value	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2048	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	784	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1232	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1152	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1920	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	800	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	880	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	848	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1376	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	6800	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	7200	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	7600	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	8000	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	8400	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5760	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8960	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12160	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	15360	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.2	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	905.083979	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.56711936	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-938.9980989	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	100.1	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	3	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Actual Value

0

3

Expected Value

3 ± 0.000488281

Test Step 2.6 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	5.225780821
k_EOTDynConf_Uls_u8p8	54016
k_MinRackTrvl_HwDeg_u12p4	1408
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1792

Name

EOTDmpFWMode_Cnt_M_u08

tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value

Result

2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1408		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	2320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1040		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1648		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	8400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	8800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	9200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	9600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	10000		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	6400		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	9600		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12800		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16000		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.037617803		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	327.335121		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	125.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	<u>f</u> 32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Ul	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3	-3 ± 0.000488281	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.7 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	0.288146198
k_EOTDynConf_Uls_u8p8	13568
k_MinRackTrvl_HwDeg_u12p4	14624
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1792

2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1136		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1648		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1664		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	2720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1200		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1200		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1920		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	12800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	14208		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	15616		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17024		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17840		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	7040		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	10240		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	13440		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16640		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.992977977		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.305199623		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1309.32124		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	150.5		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	4		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_N	ltrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	lm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	Jls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H	wDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_er	num	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f	32	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0.288146198	0.288146198 ± 0.000488281	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	•

Test Step 2.8 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	7.025500751
k_EOTDynConf_Uls_u8p8	30720
k_MinRackTrvl_HwDeg_u12p4	19328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1792

2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2560		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][4]	2816		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	1312		
t2 EOTPosDepDmpTbIX HwDeg_u12p4[0][1]	1856		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][0]	1920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3120		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][0]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1360		
t2 EOTPosDepDmpTblX HwDeg u12p4[3][0]	1376		
t2 EOTPosDepDmpTblX HwDeg u12p4[3][1]	2192		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[0]	960		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	1360		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1760		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[3]	2160		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2400		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	7680		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	10880		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14080		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17280		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-5.554596221		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	110.3		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.840222716		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1425.843047		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	175.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-4		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0		~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4	-4 ± 0.000488281	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call FtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_

Test Step 2.9 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.077585042
k_EOTDynConf_Uls_u8p8	57088
k_MinRackTrvl_HwDeg_u12p4	14768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1536

EtDmpFw_Per1

2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1488		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2064		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2176		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1552		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	2464		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-15984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-15824		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-2064		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1744		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	8320		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14720		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17920		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.11969943		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	491.524636		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	200.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_	_MtrNmf32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadp	oS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgd		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority	_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_	HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_	enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	5	5 ± 0.000488281	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

Test Step 2.10 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8
k_EOTDynConf_Uls_u8p8	54272
k_MinRackTrvl_HwDeg_u12p4	9792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1536

2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3328		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1664		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2272		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2432		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1680		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1728		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	2736		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	8960		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	12160		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	15360		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	18560		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-8.484010279		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-513.1		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1553.32366		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	225.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_N	/ltrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	S_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_Mtrl	Nm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
$tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32$	tgt_EtDmpFw_Per1_HandwheelAuthority_U	Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H	lwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_et	num	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	•
tgt EtDmpFw Per1 EOTDampingLtd MtrNm f32.value		-5 ± 0.000488281	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

Test Step 2.11 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	2.852310026
k_EOTDynConf_Uls_u8p8	26880
k_MinRackTrvl_HwDeg_u12p4	4320
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536

2014-09-04, 17:48:06+0530



2_EOTOMPKAdiveBoundY_MinYm_37p8[2][3] 1792 1				1 -4 - 10-10
2_EOTOmpFWActiveBoundY_MinNm_s7p8[3][4] 2048 2_EOTOmpFWActiveBoundY_MinNm_s7p8[3][6] 2816 2_EOTOmpFWActiveBoundY_MinNm_s7p8[3][7] 2816 2_EOTOmpFWActiveBoundY_MinNm_s7p8[3][7] 3072 2_EOTOmpFWActiveBoundY_MinNm_s7p8[3][8] 3328 2_EOTOmpFWActiveBoundY_MinNm_s7p8[3][8] 3328 2_EOTOmpFWActiveBoundY_MinNm_s7p8[3][8] 3328 2_EOTOmpFWActiveBoundY_MinNm_s7p8[3][8] 3828 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3][8] 3828 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3][8] 3829 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3][8] 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3][8] 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3][8] 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3][8] 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3][8] 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3][8] 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3][8] 3_EOTOmpFWACtiveBoundY_MinNm_s7p8[3	Name	Input Value		
2. EOTDmpFWActiveBoundY_Minkm_s7p8[3][0] 2560 2516 2. EOTDmpFWActiveBoundY_Minkm_s7p8[3][1] 2516 2. EOTDmpFWActiveBoundY_Minkm_s7p8[3][2] 3072 2. EOTDmpFWActiveBoundY_Minkm_s7p8[3][3] 3328 2. EOTDmpFWActiveBoundY_Minkm_s7p8[3][3] 3528 2. EOTDmpFWActiveBoundY_Minkm_s7p8[3][4] 3584 2. EOTDmsDepDm7bX_HwDeg_u12p4[0][0] 1840 2. EOTDmsDepDm7bX_HwDeg_u12p4[0][1] 2480 2. EOTDmsDepDm7bX_HwDeg_u12p4[0][0] 2888 2. EOTDmsDepDm7bX_HwDeg_u12p4[0][0] 1760 2. EOTDmsDepDm7bX_HwDeg_u12p4[0][0] 1760 2. EOTDmsDepDm7bX_HwDeg_u12p4[0][0] 1760 2. EOTDmsDepDm7bX_HwDeg_u12p4[0][0] 1904 2. EOTDmsPWActiveBoundX_MirRadpS_s11p4[0] 1909	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792		
2, EOTDmpFWActiveBoundY_Mintm_s7p8[3][1] 2816 3072	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048		
2, EOTDmpFWActiveBoundY_Minkm_s7p8[3][2] 3072 3328	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2560		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]]3 3328 3584 3	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2816		
12_EOTDmpFWActiveBoundY_Mirkm_s7p8[3][3] 3288 12_EOTDmpEWactiveBoundY_Mirkm_s7p8[3][4] 3584		3072		
12_EOTPosPeDepDmpTbIX_HWDeg_u12p4[0] 0] 1840		3328		
12_EOTPosDepDmpTDX_HwDeg_u12p4(0)[01] 2480 2480 24200 24200 24200 24200 24200 24200 24200 24		3584		
2_EOTPosDepDmpTbX_HwDeg_u12p4[1][0]		1840		
2_EOTPosDepDmpTbX_HvbDeg_u12p4[1] 1]	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2480		
2_EOTPosDepDmpTbX_HwDeg_u12p4[2] 0] 1760 1760 1760 12_EOTPosDepDmpTbX_HwDeg_u12p4[3] 1 1840 1	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2688		
1840 1840	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4320		
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 1904 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 3008 12_EOTDmpEwActiveBoundX_MtrRadpS_s11p4[0] 14400 15984 15984 15984 15984 1507DmpFwActiveBoundX_MtrRadpS_s11p4[2] 16016 15984 17792 16016 17792 1	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
12_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 3008 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 14400 15984 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 16016 16016 17588 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17588 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17588 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17598 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17792 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17792 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17792 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17792 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 12800 1_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 12800 1_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[2] 1_EOTDmpFW_PP1_AndwtrAdpS_s12p4[2] 1_	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1840		
EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 14400 144	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1904		
LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 14400 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 15984 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 18016 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17568 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17792 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17792 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 12800 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 12800 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 12800 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 12800 LEOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12800 LEOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12800 LEOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12800 LEOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12900 LEOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12900 LEOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12900 LEOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12900 LEOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12900 Lg_ELDmpFw_Per1_EOTDisable_Cnt.lgcundLiberIntradpS_s12p4[4] 12900 Lg_ELDmpFw_Per1_HandwheelPosition_HwCg_s12p4[4] 12900 Lg_ELDmpFw_Per		3008		
LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 15984 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 16016 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17568 LEOTDmpFWActiveBoundX_MtrRadpS_s1p4[4] 17792 LEOTDmpFWVehSpd_Kph_u9p7[0] 9600 LEOTDmpFWVehSpd_Kph_u9p7[1] 12800 LEOTDmpFWVehSpd_Kph_u9p7[2] 16000 LEOTDmpFWVehSpd_Kph_u9p7[3] 19200 LEOTDmpFWVehSpd_Kph_u9p7[3] 19200 LEOTDmpFWVehSpd_Kph_u9p7[3] 19200 LEIDmpFW_Per1_AssistEOTDamping_MtrNm_f32.value -2492912889 tgl_EIDmpFw_Per1_EOTDisable_Cnt_lgc_value 0 tgl_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 0 tgl_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 518.819311 tgl_EIDmpFw_Per1_MelDmpFw_Per1_AssistEOTDamping_MtrNm_f32 2 tgl_Ric_last_Ap_EIDmpFw_Fart_mpfw_Per1_AssistEOTDamping_MtrNm_f32 tgl_Ric_last_Ap_EIDmpFw_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgl_Ric_last_Ap_EIDmpFw_EIDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgl_EIDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgl_Ric_last_Ap_EIDmpFw_EiDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgl_EIDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgl_Ric_last_Ap_EIDmpFw_EiDmpFw_Per1_HandwheelPosition_HwDeg_f32 </td <td></td> <td>14400</td> <td></td> <td></td>		14400		
LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17568 LEOTDmpFWVActiveBoundX_MtrRadpS_s11p4[4] 17792		15984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17792 t_EOTDmpFWWehSpd_Kph_u9p7[0] 9600 t_EOTDmpFWWehSpd_Kph_u9p7[1] 12800 t_EOTDmpFWWehSpd_Kph_u9p7[2] 16000 t_EOTDmpFWWehSpd_Kph_u9p7[3] 19200 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32_value 2.492912889 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32_value 4.1086.187328 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc_value 0 tgt_EtDmpFw_Per1_BorDisable_Cnt_lgc_value 0 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32_value 518.819311 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32_value 250 tgt_EtDmpFw_Per1_HandwheelPosition_Scom_FitInjection_Signal 6 tgt_Rte_Inst_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal 6 tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_EOTDisable_Cnt_lgc_value 191_Rte_Inst_Ap_EtDmpFw_Per1_EOTDisable_Cnt_lgc_value 250 tgt_Rte_Inst_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal 6 tgt_Rte_Inst_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal 191_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 191_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 191_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 191_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 191_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HendwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HendwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HendwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HendwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HendwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HendwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HendwheelPosition_HwDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HendwheelPosition_HyDeg_f32 191_Rte_Inst_Ap_EtDmpFw_Per1_HendwheelPosition_HyDeg_	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	16016		
t_EOTDmpFWVehSpd_Kph_u9p7[0] 9600 t_EOTDmpFWVehSpd_Kph_u9p7[1] 12800 t_EOTDmpFWVehSpd_Kph_u9p7[2] 16000 t_EOTDmpFWVehSpd_Kph_u9p7[2] 19200 td_EIDmpFw_Penf_AssistEOTDamping_MtrNm_f32_value 19200 td_EIDmpFw_Penf_AssistEOTDamping_MtrNm_f32_value 1086.187328 td_EIDmpFw_Penf_EOTDisable_Cnt_lgc_value 0 td_EIDmpFw_Penf_EOTDisable_Cnt_lgc_value 1086.187328 td_EIDmpFw_Penf_HandwheelPosition_HwDeg_f32_value 518.819311 td_EIDmpFw_Penf_HandwheelPosition_HwDeg_f32_value 250 td_EIDmpFw_Penf_HandwheelPosition_Eotmo_Fill_Speed_Kph_f32_value 250 td_EIDmpFw_Penf_Vehicle_Speed_Kph_f32_value 250 td_Re_long_A_EIDmpFw_FaultInjection_SCom_Filtnjection_Signal 6 td_Re_long_A_EIDmpFw_EIDmpFw_Penf_AssistEOTDamping_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Penf_AssistEOTDamping_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Penf_ASsistEOTDamping_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Penf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Penf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOTDamping_Ld_MtrNm_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Penf_HandwheelAuthority_Uls_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Penf_HandwheelPosition_HwDeg_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Penf_HandwheelPosition_HwDeg_f32 td_Re_long_A_EIDmpFw_EIDmpFw_Penf_MEC_Counter_Cnt_enum td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOR_Counter_Cnt_enum td_Re_long_A_EIDmpFw_EIDmpFw_Enf_EOR_Counter_Cnt_enum td_Re_long_A_EIDmpFw_EIDmpFw_Enf_MEC_Counter_Cnt_enum td_Re_long_A_EIDmpFw_Enf_MEC_Eounter_Cnt_enum td_Re_long_A_EIDmpFw_Enf_MEC_Eounter_Cnt_enum td_Re_long_A_EIDmpFw_Enf_Med_Eord_A_EIDmpFw_Enf_Med_Eord_A_EIDmpFw_Enf_Med_Eord_A_EIDmpFw_Enf	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17568		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17792		
t_EOTDmpFWVehSpd_Kph_u9p7[2] 16000 tt_EOTDmpFWVehSpd_Kph_u9p7[3] 19200 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value 2.492912889 tg_ElDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value 3.000 tg_ElDmpFw_Per1_EOTDisable_Cnt_gc_value 4.000 tg_ElDmpFw_Per1_HandwheelAuthority_Uls_f32.value 518.819311 tg_ElDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 518.819311 tg_ElDmpFw_Per1_Vehicle_Speed_Kph_f32.value 2.000 tg_ElDmpFw_Per1_Vehicle_Speed_Kph_f32.value 3.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 4.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 5.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 4.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 5.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 5.000 tg_ElDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 5.000 tg_ElDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_BOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_BOTDampin	t_EOTDmpFWVehSpd_Kph_u9p7[0]	9600		
t_EOTDmpFWVehSpd_Kph_u9p7[2] 16000 tt_EOTDmpFWVehSpd_Kph_u9p7[3] 19200 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value 2.492912889 tg_ElDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value 3.000 tg_ElDmpFw_Per1_EOTDisable_Cnt_gc_value 4.000 tg_ElDmpFw_Per1_HandwheelAuthority_Uls_f32.value 518.819311 tg_ElDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 518.819311 tg_ElDmpFw_Per1_Vehicle_Speed_Kph_f32.value 2.000 tg_ElDmpFw_Per1_Vehicle_Speed_Kph_f32.value 3.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 4.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 5.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 4.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 5.000 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 5.000 tg_ElDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 5.000 tg_ElDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_BOTDamping_Ltd_MtrNm_f32 5.000 tg_ElDmpFw_Per1_BOTDampin	t_EOTDmpFWVehSpd_Kph_u9p7[1]	12800		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value		16000		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	t_EOTDmpFWVehSpd_Kph_u9p7[3]	19200		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 0 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 518.819311 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 2 tgt_EtDmpFw_Per1_Webicle_Speed_Kph_f32.value 250 tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_Per1_CTFMtrVel_MtrRadpS_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_S12 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 1 Name	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.492912889		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 2 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_BoTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result FOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-1086.187328		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 2 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Scom_FitInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_FaultInjection_Scom_FitInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 250 tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_WEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	518.819311		
tgt_Rte_Call_Ap_EtDmpFw_Fer1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_gc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value tgt_EtDmpFwMode_Cnt_Mu08 tgt_EtDmpFwMode_Cnt_Mu08 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_Mu08	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	250		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value tgt_EtDmpFw_MtrRadpS_f32 tgt_EtDmpFw_Per1_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	6		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result COTDmpFWMode_Cnt_M_u08	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFwPer1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFwPer1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFwPer1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFwPer1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFwPer1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result COUNTER TO THE COUNTER	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Expected Value Result	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Mec_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EOTDmpFWMode_Cnt_M_u08 0 0 Fesult	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EOTDmpFWMode_Cnt_M_u08 0 0 ✓	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
NameActual ValueExpected ValueResultEOTDmpFWMode_Cnt_M_u0800	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
EOTDmpFWMode_Cnt_M_u08 0 0 ✓	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
	Name	Actual Value	Expected Value	Result
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value 2.852310994 2.852310026 ± 0.000488281 ✓	EOTDmpFWMode_Cnt_M_u08	0	0	~
	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.85230994	2.852310026 ± 0.000488281	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	_

Test Step 2.12 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.575050282
k_EOTDynConf_Uls_u8p8	30208
k_MinRackTrvI_HwDeg_u12p4	11424
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1536

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2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2816		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][1]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2016		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2688		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2944		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2080		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3280		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-2304		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-2128		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-1952		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1776		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1616		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	10240		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	13440		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	16640		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	19840		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.081390154		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-458.8477756		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1488.033648		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	5.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-6		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	<u>f</u> 32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNi	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_end	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.57505035	-3.575050282 ± 0.000488281	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	-
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

Test Step 2.13 (Repeat Count = 1)	🗸
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.152813399
k_EOTDynConf_Uls_u8p8	22784
k_MinRackTrvl_HwDeg_u12p4	22432
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1536

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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2192		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3200		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][1]	5120		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][0]	2080		
t2 EOTPosDepDmpTbIX HwDeg u12p4[2][1]	2160		
t2 EOTPosDepDmpTbIX HwDeg u12p4[3][0]	2256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3552		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	10880		
t EOTDmpFWVehSpd Kph u9p7[1]	14080		
t EOTDmpFWVehSpd Kph u9p7[2]	17280		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	20480		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-6.746804619		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1083.310996		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt EtDmpFw Per1 HandwheelAuthority Uls f32.value	0.5		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1569.851612		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	10.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	7		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt EtDmpFw Per1 AssistEOTDamping M	rNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt EtDmpFw Per1 CRFMtrVel MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt EtDmpFw Per1 EOTDampingLtd MtrN		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt EtDmpFw Per1 EOTDisable Cnt Igc	<u>-</u>	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
	0	0	Result
EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3.15281343	3.152813399 ± 0.000488281	_
tgt_EtDTipi w_F et 1_EO 1 DampingEttt_WithVill_132.Value	3.13201343	3.132813399 ± 0.000466261	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

Test Step 2.14 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.46907239
k_EOTDynConf_Uls_u8p8	16384
k_MinRackTrvl_HwDeg_u12p4	17728
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-1024

2014-09-04, 17:48:06+0530



2,EOTDmpFWActiveBoundY_MirNm_s7p8[2][3] 2560 2468 2465 24655				TOILETOIL
12. EOTOMPWACHNEBOUNDY_Mirkin_\$786[2][0] 3792 2046 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2048 2047 2047 2048 2047 2047 2048 2047 2047 2048 2047	Name	Input Value		
2. EOTIOMPEWActiveBoundY_Minthm_s786[2] 2304 2. EOTIOMPEWActiveBoundY_Minthm_s786[2] 2816 2. EOTIOMPEWActiveBoundY_Minthm_s786[2] 2816 2. EOTIOMPEWActiveBoundY_Minthm_s786[2] 3208 2. EOTIOMPEWActiveBoundY_Minthm_s786[2] 3208 2. EOTIOMPEWActiveBoundY_Minthm_s786[2] 3208 2. EOTIOMPEWActiveBoundY_Minthm_s786[2] 3200 3. EOTIOMPEWACTIVEBOUNDY_MIN	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1792		
12_EOTOmpFWActiveBoundY_Mirkm_s7p8[2][3] 2560 2408 2560		2048		
12_EOTOmpFWActiveBoundY_Mirrin_s7p8[3][1]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2304		
12_EOTOmpFWActiveBoundY_Mirrin_s7p8[3][1]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2560		
2,EOTDmpFWActiveBoundY_Mfr\m_s7p8[3][0] 2048 2.EOTDmpFWActiveBoundY_Mfr\m_s7p8[3][1] 1.792 1.538 1.280		2816		
2_EOTDmpFWActiveBoundY_Mintm_s7p8[3][1] 1752 1758		-2048		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]]3	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1792		
1,024 1,024 1,024 1,024 1,024 1,025 1,02	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1536		
2,EOTPosDepDmpTbX, HwDeg_u12p4(0) 1 3104 3166 3162 3164 3165	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-1280		
2_EOTPosDepDmpTbX_HwDeg_u12p4[0][1] 3104 3456	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-1024		
12_EOTPosDepDmpTDX_HwDeg_u12p4[1][0] 5520 12_EOTPosDepDmpTDX_HwDeg_u12p4[2][0] 2240	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2368		
12_EOTPosDepDmpTbX_HvbCeg_u12p4[1] 1] 5520 2240 12_EOTPosDepDmpTbX_HvbCeg_u12p4[2] 0] 2240	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3104		
2_EOTPosDepDmpTbX_HvDeg_u12p4[2] 0] 2240 2250	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3456		
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 2320 2320 2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2432 2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2432 2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 3824 2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 68912 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 6894 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 6384 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 5782 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 5782 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 5188 2_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 5188 2_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 5188 2_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 5188 2_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 5189 2_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 5189 2_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 5189 2_EOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmping_MtrNm_f32 2_EOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmpFW_PerI_AssistEOTDmpFW_PerI_Ass	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5520		
12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2432 2432 2457esDepDmpTbIX_HwDeg_u12p4[3][0] 3824 2457esDepDmpTbIX_HwDeg_u12p4[3][0] 3824 2457esDepDmpTbIX_HwDeg_u12p4[3][0] 3824 2457esDepDmpTbIX_HwDeg_u12p4[3][0] 3824 2457esDepDmpTwActiveBoundX_MtrRadpS_s11p4[1] 48384 2457esDepDmpTwActiveBoundX_MtrRadpS_s11p4[2] 5866 2457esDepDmpTwActiveBoundX_MtrRadpS_s11p4[3] 5792 2457esDepDmpTwActiveBoundX_MtrRadpS_s11p4[4] 5168 2457esDepDmpTwActiveBoundX_MtrRadpS_s12p4[4] 2457esDep	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2240		
2_EOTPoSDepDmpTbIX_HwDeg_u12p4[3][1] 3824	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2320		
L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] -6384 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] -58856 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] -58856 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] -5792 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -5168 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -5168 L_EOTDmpFWVehSpd_Kph_u9p7[0] -6400 L_EOTDmpFWVehSpd_Kph_u9p7[2] -12800 L_EOTDmpFWVehSpd_Kph_u9p7[2] -12800 L_EOTDmpFWVehSpd_Kph_u9p7[3] -16000 J_E_EIDmpFW_Per1_AssistEOTDamping_MtrNm_f32.value -6.758863366 J_E_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -6.758863366 J_E_EIDmpFw_Per1_AndwheelAuthority_Uis_f32.value -6000 J_E_EIDmpFw_Per1_AndwheelFosition_HwDeg_f32.value -6000 J_E_EIDmpFw_Per1_AndwheelFosition_HwDeg_f32.value -6000 J_E_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -6000 J_E_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -7000 J_E_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -7000 J_E_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 -7000 J_E_EIDmpFw_Per1_	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2432		
LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 6384 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] -5856 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] -5792 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -5168 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -5168 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -5168 LEOTDmpFWehSpd_Kph_u9p7[1] 9600 LEOTDmpFWehSpd_Kph_u9p7[2] 12800 LEOTDmpFWVehSpd_Kph_u9p7[3] 16000 Ug_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32_value -8758863366 Ug_EIDmpFw_Per1_EOTDisable_Cnt_Igc_value 0 Ug_EIDmpFw_Per1_EOTDisable_Cnt_Igc_value 0 Ug_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32_value -1600 Ug_EIDmpFw_Per1_Melounter_Cnt_enum_walue 1 Ug_EIDmpFw_Per1_Vehicle_Speed_Kph_f32_value 5.1 Ug_Rte_Call_Ap_EIDmpFw_EiDmpFw_Per1_AssistEOTDamping_MtrNm_f32 Ug_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 Ug_Rte_Inst_Ap_EIDmpFw_EiDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 Ug_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 Ug_Rte_Inst_Ap_EIDmpFw_EiDmpFw_Per1_COTDampingLtd_MtrNm_f32 Ug_EIDmpFw_Per1_COTDampingLtd_MtrNm_f32 Ug_Rte_Inst_Ap_EIDmpFw_EiDmpFw_Per1_AndwheelduntivI_Us_f32 Ug_EIDmpFw_Per1_HandwheelAuthoriy_Us_f32 Ug_Rte_	t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	3824		
EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] -5856 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] -5792 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -5168 LEOTDmpFWVehSpd_Kph_u9p7[0] 6400 LEOTDmpFWVehSpd_Kph_u9p7[1] 12800 LEOTDmpFWVehSpd_Kph_u9p7[3] 16000 tgLEIDmpFw_Per1_AssistEOTDamping_MtrNm_f32_value -6.758863366 tgLEIDmpFw_Per1_CRFMtrVel_MtrRadpS_f32_value 584.9898939 tgLEIDmpFw_Per1_EOTDisable_Cnt_tlgc_value 0 tgLEIDmpFw_Per1_MactiveInviry_Uls_f32_value -1600 tgLEIDmpFw_Per1_MetC_Counter_Cnt_enum_value 1 tgL_EIDmpFw_Per1_MEC_Counter_Cnt_enum_value 1 tgL_Rte_Inst_Ap_ElDmpFw_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgL_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgL_Rte_Inst_Ap_ElDmpFw_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgL_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgL_Rte_Inst_Ap_ElDmpFw_ElDmpFw_Per1_EOTDisable_Cnt_Igc tgL_EIDmpFw_Per1_EOTDisable_Cnt_Igc tgL_Rte_Inst_Ap_ElDmpFw_ElDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgL_EIDmpFw_Per1_HandwheelAuthority_Uls_f32 tgL_Rte_Inst_Ap_ElDmpFw_ElDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgL_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgL_Rte_Inst_Ap_ElDmpFw_ElDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgL_EIDmpFw_Per1_HandwheelPosit	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -5168 t_EOTDmpFWVehSpd_Kph_u9p7[0] -6400 t_EOTDmpFWVehSpd_Kph_u9p7[1] -12800 t_EOTDmpFWVehSpd_Kph_u9p7[2] -12800 t_EOTDmpFWVehSpd_Kph_u9p7[2] -12800 t_EOTDmpFWVehSpd_Kph_u9p7[3] -16000 tgt_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -6.758863366 tgt_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -6.758863366 tgt_EIDmpFw_Per1_AssistEOTDmaping_MtrNm_f32.value -6.758863366 tgt_EIDmpFw_Per1_EOTDisable_Cnt_Igc_value -6.758863366 tgt_EIDmpFw_Per1_HandwheelAuthority_Uls_f32.value -6.768863366 tgt_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -6.768863366 tgt_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -6.768863366 tgt_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -6.768863366 tgt_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -6.768863366 tgt_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -6.768863366 tgt_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -6.768863366 tgt_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32.tgt_EIDmpFw_Per1_AssistEOTDmping_MtrNm_f32 tgt_EIDmpFw_Per1_Vehicle_Speed_Kph_f32.value -6.768863366 tgt_EIDmpFw_Per1_AssistEOTDmping_MtrNm_f32 tgt_EIDmpFw_Per1_AssistEOTDmping_Mtr	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856		
t_EOTDmpFWVehSpd_Kph_u9p7[0] 6400 t_EOTDmpFWVehSpd_Kph_u9p7[1] 9800 t_EOTDmpFWVehSpd_Kph_u9p7[2] 12800 t_EOTDmpFWVehSpd_Kph_u9p7[2] 12800 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32_value 584.9898939 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32_value 584.9898939 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc_value 0 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32_value 117982984 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32_value 1600 tgt_EtDmpFw_Per1_HandwheelPosition_FwDeg_f32_value 1600 tgt_EtDmpFw_Per1_HandwheelPosition_FwDeg_f32_value 17600 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32_value 17600 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32_value 17600 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32_value 17600 tgt_Rte_Inst_Ap_EtDmpFw_FaultInjection_Signal 176 tgt_Rte_Inst_Ap_EtDmpFw_FaultInjection_Signal 176 tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 176 tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_WEC_Counter_Cnt_enum 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_WEC_Counter_Cnt_enum 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_WEC_Counter_Cnt_enum 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_WEC_Counter_Cnt_enum 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_WEC_Counter_Cnt_enum 176 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_WEC_Counter_Cnt_enum 176 tgt_Rte_Inst	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5792		
t_EOTDmpFWVehSpd_Kph_u9p7[1] 9600 t_EOTDmpFWVehSpd_Kph_u9p7[2] 12800 t_EOTDmpFWVehSpd_Kph_u9p7[3] 16000 gt_EtDmpFW_Per1_AssistEOTDamping_MtrNm_f32_value 584.9898939 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc_value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5168		
t_EOTDmpFWVehSpd_Kph_u9p7[2] 12800 t_EOTDmpFWVehSpd_Kph_u9p7[3] 16000 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -6.758863366 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value 584.8989393 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 0 tgt_EtDmpFw_Per1_HandwheelAuthority_Ulls_f32.value 0.117982984 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -1600 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 5.1 tgt_Rte_Call_Ap_EtDmpFw_Faulthinjection_SCom_FitInjection_Signal 7 tgt_Rte_Call_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 1gt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 1gt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 1gt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc 1gt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 1gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 1gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MerC_Counter_Cnt_enum 1gt_EtDmpFw_Per1_MerC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Merc_C	t_EOTDmpFWVehSpd_Kph_u9p7[0]	6400		
L_EOTDmpFWVehSpd_Kph_u9p7[3] 16000 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -6.758863366 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value 584.9898939 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 0 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 0.117982984 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -1600 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 1 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 5.1 tgt_Rte_Call_Ap_EtDmpFw_EatDmpFw_Faulttnjection_Signal 7 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_RedTDamping_MtrNm_f32 1 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 1 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 1 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 1 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 1 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 1 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Mec_Counter_Cnt_enum 1 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Mec_Counter_Cnt_enum 1 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Mec_Counter_Cnt_enum 1	t_EOTDmpFWVehSpd_Kph_u9p7[1]	9600		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32_value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32_value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthrority_Uls_f32_value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32_value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32_value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum_value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32_value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32_value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32_value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32_value tgt_EtDmpFw_EndurpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	t_EOTDmpFWVehSpd_Kph_u9p7[2]	12800		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtLmst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	t_EOTDmpFWVehSpd_Kph_u9p7[3]	16000		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_FaultInjection_SCom_FitInjection_Signal tgt_Rte_lnst_Ap_EtDmpFw_EatDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_lnst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_lnst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_lnst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDamping_td_MtrNm_f32 tgt_Rte_lnst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_lnst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_lnst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_BetDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-6.758863366		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	584.9898939		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_WEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EDTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Scom_FitInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.117982984		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1600		
tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result COLUMP AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw.EtDmpFw.EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw.EtDmpFw.EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw.EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw.EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw.EtDmpFw.EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw.EtDmpFw	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	5.1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw.EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EDTDmpFWMode_Cnt_M_u08	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-7		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EDTDmpFWMode_Cnt_M_u08	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping	g_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EDTDmpFWMode_Cnt_M_u08	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRa	dpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw.EtDmpFw.EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Actual Value Expected Value Result	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_N	MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Expected Value Result	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EDTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Expected Value Result 0	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthorit	ty_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EOTDmpFWMode_Cnt_M_u08 0 Result	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition	n_HwDeg_f32	
Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08 0 0				
EOTDmpFWMode_Cnt_M_u08 0 0	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kp	h_f32	
	Name	Actual Value	Expected Value	Result
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value -3.46907234 -3.46907239 ± 0.000488281 ✓				•
	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.46907234	-3.46907239 ± 0.000488281	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	V

Test Step 2.15 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	2.309150398
k_EOTDynConf_Uls_u8p8	52992
k_MinRackTrvl_HwDeg_u12p4	8768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-1024

2014-09-04, 17:48:06+0530



EOTDmpFWMode_Cnt_M_u08 0 0				
2,EOTOMPR/Mackeboundry, Minkm_s7p8[2][0] 2986 2,EOTOMPR/Mackeboundry, Minkm_s7p8[2][2] 2590	Name	Input Value		
12_EOTIMpFWActiveBoundY_Minns_rps[2][1] 2394 2590	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-768		
12_EOTOmpFWActiveBoundY_MrNm_s7p8[2] 2 2560	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2048		
2_EOTIOmpFWActiveBoundY_Mirkin\$7p8[2] 4 3972 1-792	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2304		
12_EOTDmpFWActiveBoundY_Mithm\$7p8[3][1] -1536 -1260	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2560		
1.752 1.75	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2816		
2_EOTDmpFWActiveBoundY_Mirkm_s7p8[3][1] -1556 -1260 -1	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3072		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 2 -1024 -	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1792		
12_EOTOmpFWActiveBoundY_MtrNm_s7p8[3]3 -1024 -768	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1536		
12_EOTPopPWActiveBoundY_MtrNm_s7p8[3][4] 7:68 12_EOTPosDepDmpTDK, HwDeg_u12p4[0][0] 25:44 12_EOTPosDepDmpTDK, HwDeg_u12p4[1][0] 3312 12_EOTPosDepDmpTDK, HwDeg_u12p4[1][0] 37:12 12_EOTPosDepDmpTDK, HwDeg_u12p4[1][0] 24:00 12_EOTPosDepDmpTDK, HwDeg_u12p4[2][0] 24:00 12_EOTPosDepDmpTDK, HwDeg_u12p4[2][0] 24:00 12_EOTPosDepDmpTDK, HwDeg_u12p4[3][0] 26:06 12_EOTPosDepDmpTDK, HwDeg_u12p4[3][0] 26:06 12_EOTPosDepDmpTDK, HwDeg_u12p4[3][0] 26:06 12_EOTPosDepDmpTDK, HwDeg_u12p4[3][1] 40:06 12_EOTTPosDepDmpTDK, HwDeg_u12p4[3][1] 40:06 12_EOTTPosDepDmpTDK, HwDeg_u12p4[3][1] 40:06 12_EOTTPosDepDmpTDK, HwDeg_u12p4[3][1] 40:06 12_EOTTPosPWActiveBoundX, MirRadpS_s11p4[2] 32:00 12_EOTTPosPWActiveBoundX, MirRadpS_s11p4[3] 3184 1_EOTDmpFWActiveBoundX, MirRadpS_s11p4[4] 32:06 1_EOTDmpFWActiveBoundX, MirRadpS_s12 31:06 1_EOTDmpFWActiveBoundX, MirRadpS_s2, availababababababababababababababababababa	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1280		
2_EOTPosDepDmpTbX_HwDeg_u12p4(0)[0] 3312	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-1024		
2_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 3312 12_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 5920 12_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 5920 12_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 2480 12_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 2480 12_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 2480 12_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 4996 12_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 4996 12_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 4800 12_EOTPosDepDmpTbX_HwDeg_u12p4(i)[1] 4800 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4(i) 4800 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4(i) 4800 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4(i) 4800 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4(i) 4800 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4(i) 4800 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4(i) 4800	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-768		
2_EOTPesDepDmpTblX_HwDeg_u12p4[1][0] 3712	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2544		
12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 5920 2400 22E-OTPosDepDmpTbIX_HwDeg_u12p4[2][0] 2400 2400 22E-OTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2608 22E-OTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2608 22E-OTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2608 22E-OTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2608 22E-OTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2608 22E-OTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2609 2609 22E-OTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2609	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3312		
2_EOTPosDepDmpTbiX_HwDeg_u12p4[2] 0	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3712		
2_EOTPosDepDmpTbIX_HWDeg_u12p4[2] 0		5920		
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 2608 2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 4096 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2400		
12_EOTPosDepDmpTblX_HwDeg_u12p4[3[1]	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2480		
EOTDmpFWActiveBoundX_MtrRadpS_s11p4(1)	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2608		
L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4{1}	t2 EOTPosDepDmpTblX HwDeg u12p4[3][1]	4096		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[7] 4800 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[8] -3200 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] -3184 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -2400 t_EOTDmpFWVehSpd_Kph_u9p7[0] 12160 t_EOTDmpFWVehSpd_Kph_u9p7[1] 15360 t_EOTDmpFWVehSpd_Kph_u9p7[3] 21760 t_EOTDmpFWVehSpd_Kph_u9p7[3] 21760 t_EOTDmpFW_Per1_AssistEOTDamping_MtrNm_f32.value -3.395257926 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc_value 181.4250626 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc_value 16.00 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 0.623674393 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 15.2 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 15.2 tgt_Rte_loat_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_loat_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_loat_Ap_EtDmpFw_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_Rte_loat_Ap_EtDmpFw_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_		-6400		
LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]		-4800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]		-3200		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	t EOTDmpFWActiveBoundX MtrRadpS s11p4[3]	-3184		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	t EOTDmpFWActiveBoundX MtrRadpS s11p4[4]	-2400		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	t EOTDmpFWVehSpd Kph u9p7[0]	12160		
t_EOTDmpFWVehSpd_kph_usp7[3]	t_EOTDmpFWVehSpd_Kph_u9p7[1]	15360		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_LtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re EOTDmpFWMode_Cnt_M_u08	t_EOTDmpFWVehSpd_Kph_u9p7[2]	18560		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Re_Call_Ap_EtDmpFw_Fallthijection_SCom_Fitthjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re EOTDmpFWMode_Cnt_M_u08	t_EOTDmpFWVehSpd_Kph_u9p7[3]	21760		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 1600 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Wehicle_Speed_Kph_f32.value 15.2 tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FItInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Bottliped_Under_Side_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.395257926		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re ECOTDmpFWMode_Cnt_M_008	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	181.4250626		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_WEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelAuthority_UIs_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re ECOTDmpFWMode_Cnt_M_u08		1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_WEC_Counter_Cnt_enum.value 0 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelAuthority_UIs_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re ECTDmpFWMode_Cnt_M_008	tgt EtDmpFw Per1 HandwheelAuthority Uls f32.value	0.623674393		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_CRFMtrVel_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_WEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re ECTDmpFWMode_Cnt_M_008	7 - 7 - 7	1600		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Webicle_Speed_Kph_f32 Name Actual Value Expected Value Re ECTDmpFWMode_Cnt_M_u08		0		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re ECTDmpFWMCetCmpFW.EtDmpFw_Der1_MassistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re ECTDmpFWMode_Cnt_M_u08		15.2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re EOTDmpFWMode_Cnt_M_u08				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re O O			ing_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Re O O O O O O O O O O O O O				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_EOTDisable_Cnt_igc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Record Value Expected Value Record Value O O O O O O O O O O O O O			. –	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EOTDmpFWMode_Cnt_M_u08 EQTDmpFWMOde_Cnt_M_u08 Egt_EtDmpFw_EtDmpFw.EtDmpFw_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Ligt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuth				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name ECTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Expected Value Rec 0 0				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EOTDmpFWMode_Cnt_M_u08 0 0 0				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32				
Name Actual Value Expected Value Re EOTDmpFWMode_Cnt_M_u08 0 0				
EOTDmpFWMode_Cnt_M_u08 0 0				Resul
			·	rtodui
tgt EtDmpFw Per1 EOTDampingLtd MtrNm f32.value 2.30915046 2.309150398 ± 0.000488281		-		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	•
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

Test Step 2.16 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	5.809851432
k_EOTDynConf_Uls_u8p8	25600
k_MinRackTrvl_HwDeg_u12p4	11168
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1024

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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-512		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3520		
t2 EOTPosDepDmpTbIX HwDeg u12p4[1][0]	3968		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	6320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2560		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][1]	2640		
t2 EOTPosDepDmpTblX HwDeg u12p4[3][0]	2784		
t2 EOTPosDepDmpTblX HwDeg u12p4[3][1]	4368		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[0]	-11520		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[1]	-10656		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[2]	-9760		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[3]	-8880		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6800		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	12800		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	16000		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	19200		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	22400		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-1.380861843		
tgt EtDmpFw Per1 CRFMtrVel MtrRadpS f32.value	236.8914682		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt EtDmpFw Per1 HandwheelAuthority Uls f32.value	1		
tgt EtDmpFw Per1 HandwheelPosition HwDeg f32.value	560.3		
tgt EtDmpFw Per1 MEC Counter Cnt enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	25.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-8		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt_EtDmpFw_Per1_AssistEOTDa	amping MtrNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32			
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDampingLtd MtrNm f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority Uls f32	tgt_EtDmpFw_Per1_EO7bisable_	- - v	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw Per1 HandwheelPosition HwDeg f32	tgt_EtDmpFw_Per1_HandwheelP	/ - -	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counte		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Spe		
			n
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0 -5.80985165	0 -5.809851432 ± 0.000488281	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.17 (Repeat Count = 1)		
Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	
k_EOTDmpFWInactiveLim_MtrNm_f32	6.882443154	
k_EOTDynConf_Uls_u8p8	35328	
k_MinRackTrvl_HwDeg_u12p4	12608	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1024	

2014-09-04, 17:48:06+0530



			TOILCITOR
Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2560		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][1]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-256		
t2 EOTPosDepDmpTblX HwDeg u12p4[0][0]	2896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3728		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	4224		
t2 EOTPosDepDmpTbIX HwDeg u12p4[1][1]	6720		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][0]	2720		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	2800		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	2960		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	4640		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-13824		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[1]	-12768		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-11712		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[3]	-10432		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-9968		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	13440		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	16640		
t EOTDmpFWVehSpd Kph u9p7[2]	19840		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	23040		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	1.5978127		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-518.3859834		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt EtDmpFw Per1 HandwheelAuthority Uls f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	0		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt EtDmpFw Per1 Vehicle Speed Kph f32.value	35.4		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	1.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	ltrNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	Jls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1.5	1.5 ± 0.000488281	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

Test Step 2.18 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	2.628083515
k_EOTDynConf_Uls_u8p8	41216
k_MinRackTrvl_HwDeg_u12p4	15536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1024

2014-09-04, 17:48:06+0530



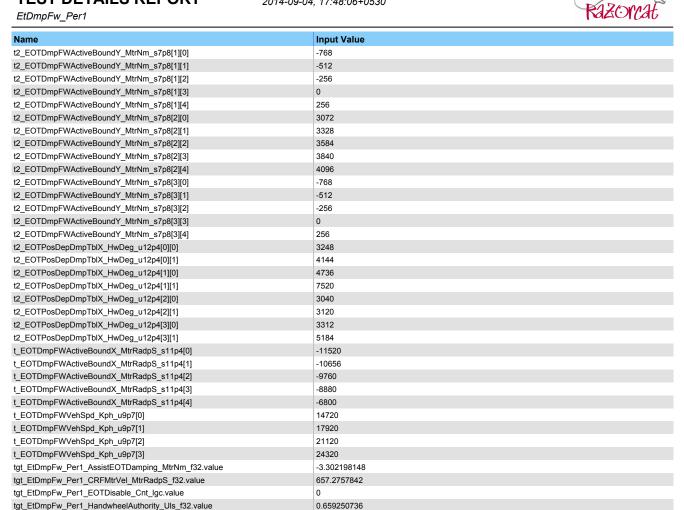
EtDmprw_Per1			Tazollab
Name	Input Value		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	-768		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][2]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	3328		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][3]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3072		
	3936		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	4480		
	7120		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3136		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4912		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3184		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-2400		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	14080		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	17280		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	20480		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	23680		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.016299307		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	18.76857591		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1575.5		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	45.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-1.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistE		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtr		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDa	mpingLtd_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDis	able_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_Handwh	neelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle	_Speed_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.5	-1.5 ± 0.000488281	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.19 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	5.638415849
k_EOTDynConf_Uls_u8p8	5632
k_MinRackTrvl_HwDeg_u12p4	8
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	4096

2014-09-04, 17:48:06+0530





Name		Actual Value	Expected Value		Result
EOTDmpFWMode_Cnt_M_u08		0	0		~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value		2.5	2.5 ± 0.000488281		~
Test Step Call Trace					✓
Actual Function	Count	Expected Function		Count	Result
Rte Call EtDmnEw Per1 CP0 ChecknointReached	1	Rte Call EtDmnEw Per1 CP0	ChecknointReached	1	

1

2

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1

55.1

tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32

tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32

tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc

tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32

tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32

tat EtDmpFw Per1 MEC Counter Cnt enum

tgt EtDmpFw Per1 Vehicle Speed Kph f32

tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32

Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection

Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached

BilinearXYM_s16_s16Xs16YM_Cnt

2.5

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	5.653158593
k_EOTDynConf_Uls_u8p8	46592
k_MinRackTrvl_HwDeg_u12p4	23041.76
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-1280

tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value

 $tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal$

tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32

tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc

 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32$

 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32$

tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum

tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 Vehicle Speed Kph f32

Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection

Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached

BilinearXYM_s16_s16Xs16YM_Cnt

tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32

 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$

tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value

tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value

2

2014-09-04, 17:48:06+0530



2. DOTOMPPWCHeboundy Minn, s768[19] 1024 2. DOTOMPPWCHeboundy Minn, s768[19] 256 2. DOTOMPPWCHeboundy Minn, s768[19] 256 2. DOTOMPPWCHeboundy Minn, s768[19] 256 2. DOTOMPPWCHeboundy Minn, s768[19] 526 2. DOTOMPPWCHeboundy Minn, s768[19] 1. PV2 2.	<u> </u>			
2. EOTIONPPWCHeboundy Minth, 3798[19] 3. EOTIONPPWCHEBoundy Minth, 379	Name	Input Value		
2, DOTO-pPWACHEBoundY, Minth, 1748[1] 912 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 925 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 925 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 925 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 1512 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 1512 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 1512 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 1529 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 1530 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 1530 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1] 1024 2, DOTO-pPWACHEBOUNDY, Minth, 1748[1]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]			
2. SOTOMPPWACHEBoundY , Minht, p78(9) 1. Hings				
2. EOTDep#WichelboundY, Minhry 1798 [1] 2 2. EOTDep#WichelboundY, Minhry 1798 [1] 3 2. EOTDep#WichelboundY, Minhry 1798 [1] 512 2. EOTDep#WichelboundY, Minhry 1798 [1] 512 2. EOTDep#WichelboundY, Minhry 1798 [2] 512 2. EOTDep#WichelboundY, Minhry 1798 [2] 513 2. EOTDep#WichelboundY, Minhry 1798 [3] 52 2. EOTDep#Wichelb				
2. EOTDonpPWacheboundY_Minhs_s7p8(1) 3 2. EOTDonpPWacheboundY_Minhs_s7p8(2) 0 2. EOTDonpPWacheboundY_Minhs_s7p8(3) 0 2. EOTDonpPWacheboundY_Minhs_s9p8_s1p9(1) 0 3800 2. EOTDonpPWacheboundY_Minhs_s9p8_s1p9(1) 0 3800 2. EOTDonpPWacheboundY_Minhs_s9p8_s1p9(1) 0 3800 2. EOTDonpPWacheboundY_Minhs_s9p8_s1p9(1) 0 4000 4. EOTDonpPWacheboundY_Minhs_s9p8_s1p9(1) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
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2. EOTDonpFWActiveBoundY_Minkin_s7p8[2]0 2048 2. EOTDonpFWActiveBoundY_Minkin_s7p8[2]1 -1792 -1536				
2. EOTIOnpPWActiveBoundY_Mintm_s7s8[2][1] 1/92 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[2][2] 1526 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[2][3] 1280 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[2][3] 1280 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[2][3] 1094 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][1] 256 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][2] 0 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][3] 256 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][3] 256 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 512 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 512 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 512 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 512 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 4852 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 4852 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 4892 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 4892 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 4892 2. EOTIOnpPWActiveBoundY_Mintm_s7s8[3][4] 4898 3. EOTIOnpPWAc				
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2, EOTDmpFWActiveBoundY_MfrNm_\$788[3] 3				
ZEOTOmpFWActiveBoundY_MitNm_s7p8[3][6] .1024 .256 .257 .257 .257 .257 .256 .257				
2. EOTOmpFWActiveBoundY_Mirkm_s7p8[3][0] -512 -256				
Z. EOTIOMPFWActiveBoundY_MirNm_s7p63[3] 256 2				
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gt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value 6.227702963 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value 800.0290006 gt_EtDmpFw_Per1_EOTDisable_Cnt_igc.value 0 gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 1 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 1 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 1 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 0 tgt_EtDmpFw_Per1_WEC_Counter_Cnt_enum.value 0 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 65.2 tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_igc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Expected Value Per1_Maction_Policy Reserved Actual Value Expected Value Per1_Maction_Policy Reserved Actual Value Expected Value Per1_Maction_Policy Per1_Vehicle_Speed_Kpl_f32				
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum_value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 65.2 tgt_Rte_Call_Ap_EtDmpFw_EtDmpFw_FarlItInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Res				
tgt_EtDmpFw_Per1_EOTDisable_Cnt_tgc.value				
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 1 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 1 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 1 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 65.2 tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal 1 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Reserved 1 1425.06971 1426.06971 1426.06971 1426.06971 1426.06971 1426.06971 1426.0				
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -1425.06971 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 65.2 tgt_Rte_Call_Ap_EtDmpFw_Faultlnjection_SCom_FitInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw_EatDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Reserved ForDompFWMode_Cnt_M_u08				
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value				
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 65.2 tgt_Rte_Call_Ap_EtDmpFw_Faultlnjection_SCom_FitInjection_Signal cgt_Rte_Inst_Ap_EtDmpFw_EatDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name 65.2 -2.5 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Reserved Res				
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal -2.5 tgt_Rte_Inst_Ap_EtDmpFw_FaultDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name -2.5 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Res	·- ·			
tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_UIs_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Lett_DmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_EtDmpFw_Per1_HandwheelAuthority_UIs_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_UIs_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Res Expected Value Expected Value Res Expected Value Expected Value Res Expected Value Expected Value Expected Value Expected Value				
tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Reserved Reserv			Abuhlan 622	
tgt_Rte_Inst_Ap_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Res O				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Reserved Reserved Total Reserved To			_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Res ECTDmpFWMode_Cnt_M_u08			NIII_132	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Res ECTDmpFWMode_Cnt_M_u08			Lllo f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		U	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name				
Name Actual Value Expected Value Res EOTDmpFWMode_Cnt_M_u08 0				
EOTDmpFWMode_Cnt_M_u08 0				1-
				Resu
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	EOTDmpFWMode_Cnt_M_u08	· ·	-	
	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2.5	-2.5 ± 0.000488281	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8
k_EOTDynConf_Uls_u8p8	16896
k_MinRackTrvl_HwDeg_u12p4	21236.8
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1280

EtDmpFw_Per1

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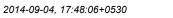




Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	0		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1536		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][2]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p6[3][3]	512		
t2_EOTDmpFwActiveBoundY_MtrNm_s7p6[3][3] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	768		
t2_EOTDIIpPWActiveBoulid1_MillMill_57po[3][4] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3600		
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	4560		
: : = == : : : : :	5248		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	8320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3664		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5728		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	16000		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	19200		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	22400		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	25600		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.04111414		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-909.6176726		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	206.3456711		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	75.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	3.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	ltrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	lm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode Cnt M u08	2	2	
		1 -	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

Test Step 2.22 (Repeat Count = 1)	
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	1.1
k_EOTDynConf_Uls_u8p8	0
k_MinRackTrvl_HwDeg_u12p4	16000
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1280





Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1024		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-3072		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	3776		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	4768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5504		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	8720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3520		
t2 EOTPosDepDmpTbIX HwDeg u12p4[2][1]	3600		
_	3840		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	6000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	-8400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-8000		
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[1]	-7600 -7600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-7232		
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[3]	-7232 -6720		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]			
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408 65408		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	-3.4		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value			
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-400 0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0.4		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value			
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	700		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	205		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal	-1	Subline \$22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	III_I32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_UIs_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1	-1 ± 0.000488281	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.23 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	2.449737728
k_EOTDynConf_Uls_u8p8	65535
k_MinRackTrvl_HwDeg_u12p4	2480
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1280

EtDmpFw Per1

2014-09-04, 17:48:06+0530



Input Value t2 EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1] -1024 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2] -768 t2 EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3] -512 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4] -256 t2 EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0] -2816 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1] -2560 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2] -2304 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3] -2048 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4] -1792 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0] -1280 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1] -1024 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2] -768 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3] -512 -256 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0] -2816 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1] -2560 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2] -2304 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3] -2048 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4] -1792 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 3952 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4976 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 5760 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 9120 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 3680 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3760 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 4016 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 6272 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] -4608 t EOTDmpFWActiveBoundX MtrRadpS s11p4[1] -4256 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] -3904 t EOTDmpFWActiveBoundX MtrRadpS s11p4[3] -3856 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -3552 t EOTDmpFWVehSpd Kph u9p7[0] 17280 t_EOTDmpFWVehSpd_Kph_u9p7[1] 20480 t_EOTDmpFWVehSpd_Kph_u9p7[2] 23680 $t_EOTDmpFWVehSpd_Kph_u9p7[3]$ 26880 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -1.3407233 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value -188.8030711 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 0.863200188 tgt EtDmpFw Per1 HandwheelAuthority Uls f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -280.0516266 tgt EtDmpFw Per1 MEC Counter Cnt enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 95.1 tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal 4.5 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDampingLtd MtrNm f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt EtDmpFw Per1 HandwheelAuthority Uls f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum$ tat EtDmpFw Per1 MEC Counter Cnt enum $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32$ tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name **Actual Value Expected Value** Result

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

2.44973779

0

2.449737728 ± 0.000488281

Test Step 2.24 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	7.938577724
k_EOTDynConf_Uls_u8p8	62464
k_MinRackTrvl_HwDeg_u12p4	21232

EOTDmpFWMode_Cnt_M_u08

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

EtDmpFw_Per1

2014-09-04, 17:48:06+0530



Name	Input Value			
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][0]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-256			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	0			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-512			
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][0]	-1024			
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][1]	-768			
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][2]	-512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-256			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	0			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-512			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4128			
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	5184			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	6016			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	9520			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	3840			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3920			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	4192			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	6544			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5664			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5136			
t_EOTDmpFWVehSpd_Kph_u9p7[0]	17920			
t_EOTDmpFWVehSpd_Kph_u9p7[1]	21120			
t_EOTDmpFWVehSpd_Kph_u9p7[2]	24320			
t_EOTDmpFWVehSpd_Kph_u9p7[3]	27520			
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	6.850553811			
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-953.868955			
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1			
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1			
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	32.66184187			
tgt EtDmpFw Per1 MEC Counter Cnt enum.value	0			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	105			
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-4.5			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt EtDmpFw Per1 EOTDisable Cnt Igc			
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority Uls f32	tgt EtDmpFw Per1 HandwheelAuthority Uls f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_nandwheelPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_etDmpFw_Per1_HandwneeiPosition_Hwbeg_r32 tgt_etDmpFw_Per1_MEC_Counter_Cnt_enum			
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 Vehicle Speed Kph f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3			
Name	Actual Value	Expected Value		Result
EOTDmpFWMode_Cnt_M_u08	0	0		- Acoust
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4.5	-4.5 ± 0.000488281		
tgtempi w_i orcorbampingttu_withviii_loz.value	7.0	4.0 ± 0.000400201		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Dto Call EtDmpEur Port CB1 CheeknointPosehod	1	Pto Call EtDmpEw Part CR1 ChackpointBoachad	1	

Test Step 2.25 (Repeat Count = 1)	
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	0
k EOTDynConf Uls u8p8	2560

2014-09-04, 17:48:06+0530



Name	Input Value		
k_MinRackTrvl_HwDeg_u12p4	17792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-512		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	-256		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][3]	0		
	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-256 0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5392		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	6272		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	9920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4080		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4368		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	6816		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-9216		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-8512		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-7808		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-6960		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6720		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	18560		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	21760		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	24960		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	28160		
tgt EtDmpFw Per1 AssistEOTDamping MtrNm f32.value	-1.181492853		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-108.2702412		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt EtDmpFw Per1 HandwheelAuthority Uls f32.value	0.325884104		
tgt EtDmpFw Per1 HandwheelPosition HwDeg f32.value	747.9676644		
	1		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	115.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal	5.5	ing MtrNm f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDampi		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrR		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt	_0	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAutho	·	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPositi		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_C	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_l	Kph_f32	
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0	0 ± 0.000488281	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	~

Test Step 2.26 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8

2014-09-04, 17:48:06+0530





Name	Input Value		
k_EOTDynConf_Uls_u8p8	5120		
k_MinRackTrvl_HwDeg_u12p4	8256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2048		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	4480		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	5600		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	6528		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	10320		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	4160		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4240		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	4544		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	7088		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11520		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10640		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9760		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-8880		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-8160		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	19200		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	22400		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	25600		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	28800		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.676793134		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	445.4179313		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.119233727		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-156.3509873		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	125.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-5.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_N		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	lm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_l		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_er		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_t		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-5.5	-5.5 ± 0.000488281	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.27 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw

2014-09-04, 17:48:06+0530



Name	Input Value		
k_EOTDmpFWInactiveLim_MtrNm_f32	2.6		
k_EOTDynConf_Uls_u8p8	7680		
k_MinRackTrvl_HwDeg_u12p4	9504		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2816		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	768		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2816		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][3]	3072		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][4]	3328		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	4656		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	5808		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	6784		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	10720		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	4320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	7360		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	11200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	12800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	14400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	16000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17600		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	19840		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	23040		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	26240		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	29440		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	3.452997184		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-1.162028134		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.48662138		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-568.0039799		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	135.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	6.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_	MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadp	S_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	;	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_	_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_e		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph		
Name	Actual Value	Expected Value	Resu
EOTDmpFWMode Cnt M u08	0	0	1.030
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.599999	2.6 ± 0.000488281	

Test Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	•

Test Step 2.28 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal

2014-09-04, 17:48:06+0530



Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	4.838191342		
k_EOTDynConf_Uls_u8p8	21504		
k_MinRackTrvl_HwDeg_u12p4	17232		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][0]	0		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	256		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][2]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7ps[3][1]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	768		
	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4832 6016		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	7040		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	11120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	7632		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	20480		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	23680		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	26880		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	30080		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-1.241301		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-207.6883241		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1362.780659		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	145.4		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-6.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_I	MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadp	S_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_Mtr	Nm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_	Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_h	HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_e	enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_	_f32	
Name	Actual Value	Expected Value	Resul
		2	
EOTDmpFWMode_Cnt_M_u08	2	14	· · · · · · · · · · · · · · · · · · ·

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•		
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	-		
Rte Call FtDmpFw Per1 CP1 CheckpointReached	1	Rte Call FtDmpFw Per1 CP1 CheckpointReached	1	_		



Test Step 2.29 (Repeat Count = 1)	Innut Value		
Name Pto Call An EtDannEty Faulthination CCom Ethinication/CinnelDath Lile (22)	Input Value	m Ellipiantian Cianal	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_UIs_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCon	n_Fitinjection_Signal	
Rte_Inst_Ap_EtDmpFw k_EOTDmpFWInactiveLim_MtrNm_f32	tgt_Rte_Inst_Ap_EtDmpFw 4.885460532		
k_EOTDynConf_Uls_u8p8	42496		
k MinRackTrvl HwDeg u12p4	10064		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-2816		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][1]	-2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-2304		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][3]	-2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-2560		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][2]	-2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5008		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	6224		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	7296		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	11520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4640		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4720		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	5072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	7904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	21120		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	24320		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	27520		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	30720		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	996.1265867		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-291.5561514		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	155.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	7.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f3	12	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg	<u>j_</u> f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name		xpected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0 0		•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	4.88546038 4.8	885460532 ± 0.000488281	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~		
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~		
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	•		





Test Step 2.30 (Repeat Count = 1) Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection(SignalPath_UIs_f32)	tgt Rte Call Ap EtDmpFw FaultInjection S	Com EltInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	Con_r tinjection_signal	
k_EOTDmpFWInactiveLim_MtrNm_f32	1.304920053		
k_EOTDynConf_Uls_u8p8	23808		
k MinRackTrvl HwDeg u12p4	16592		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-768		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1024		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1536		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5184		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	6432		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	7552		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	11920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4800		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5248		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	8176		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	14400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	15984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	17568		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17584		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17776		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	21760		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	24960		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	28160		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	31360		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	3.207619369		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1084.661285		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.690670133		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	234.0244154		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	165.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-7.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr	Nm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn	n_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	m	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	2	
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.30492008	-1.304920053 ± 0.000488281	

Test Step Call Trace ✓					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte Call EtDmnEw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	-	





Input Value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	
tgt_Rte_Inst_Ap_EtDmpFw	
768	
1024	
1536	
-256	
0	
256	
512	
768	
768	
1024	
1280	
1536	
1792	
5360	
6640	
7808	
12320	
4960	
5040	
5424	
8448	
0	
0	
0	
0	
0	
22400	
25600	
28800	
32000	
1	
100	
-400	
- · · ·	
·	Resul
0	•
	1024 1280 1536 1792 -256 0 0 256 512 768 768 1024 1280 1536 1792 5360 6640 7808 12320 4960 5040 5424 8448 0 0 0 0 0 0 0 0 175.2 8.5 tg_EtDmpFw_Perl_AssistEOTDamping_MtrNm_f32 tg_EtDmpFw_Perl_EOTDisable_Cnt_lgc tg_EtDmpFw_Perl_EOTDisable_Cnt_lgc tg_EtDmpFw_Perl_HandwheelAuthority_Uls_f32 tg_EtDmpFw_Perl_HandwheelPosition_HwDeg_f32 tg_EtDmpFw_Perl_HandwheelAuthority_Uls_f32 tg_EtDmpFw_Perl_HandwheelAuthority_Uls_f32 tg_EtDmpFw_Perl_HandwheelAuthority_Uls_f32 tg_EtDmpFw_Perl_HandwheelAuthority_Uls_f32 tg_EtDmpFw_Perl_HandwheelAuthority_Uls_f32 tg_EtDmpFw_Perl_HandwheelAuthority_Uls_f32 tg_EtDmpFw_Perl_HandwheelPosition_HwDeg_f32 tg_EtDmpFw_Perl_HandwheelPosition_HwDeg_f32 tg_EtDmpFw_Perl_MEC_Counter_Cnt_enum tg_EtDmpFw_Perl_MEC_Counter_Cnt_enum tg_EtDmpFw_Perl_MEC_Counter_Cnt_enum tg_EtDmpFw_Perl_MEC_Counter_Cnt_enum tg_EtDmpFw_Perl_MEC_Counter_Cnt_enum tg_EtDmpFw_Perl_MEC_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Speed_Kph_f32 Actual Value

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓	





Test Step 2.32 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	
k_EOTDmpFWInactiveLim_MtrNm_f32	6.7	
k_EOTDynConf_Uls_u8p8	45568	
k_MinRackTrvl_HwDeg_u12p4	1216	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1792 2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	5536	
_ , , _ , _ , , , , , , , , , , , , , ,	6848	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8064	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	12720	
t2_EOTP vsDepDmpTblX_TwDeg_u12p4[1][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5120	
t2_EOTP osDepDmpTblX_TwDeg_u12p4[2][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5200	
t2_EOTP vsDepDmpTblX_TwDeg_u12p4[2][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5600	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	8720	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11520	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10640	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9760	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-8880	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-8160	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	23040	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	26240	
t EOTDmpFWVehSpd Kph u9p7[2]	29440	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	32640	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	2	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-200	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.2	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	500	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	185.3	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-8.5	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
Name	Actual Value Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0 0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-6.69999981 -6.7 ± 0.000488281	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~





Test Step 2.33 (Repeat Count = 1) Name	Input Value	
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath UIs f32)	tgt Rte Call Ap EtDmpFw FaultInjection S	Com EltInjection Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	oon_ninjection_oignal
k_EOTDmpFWInactiveLim_MtrNm_f32	7.7	
k_EOTDynConf_Uls_u8p8	25344	
k MinRackTrvl HwDeg u12p4	11296	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2304	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][1]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1280	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2304	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][0]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2304	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5712	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	7056	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	8320	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	13120	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5280	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5360	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5776	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	8992	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11520	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10656	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9760	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-8880	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6800	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	0	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	0	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	0	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	0	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	3	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	300	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.3	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-600	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	195.5	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	1	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr	_
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_t	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn	n_f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hwl	Deg_f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	2
Name	Actual Value	Expected Value Res
EOTDmpFWMode_Cnt_M_u08	0	0
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1	1 ± 0.000488281

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓	





Test Step 2.34 (Repeat Count = 1)		· ·
Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_	Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	_ 0
k_EOTDmpFWInactiveLim_MtrNm_f32	1.1	
k_EOTDynConf_Uls_u8p8	26624	
k_MinRackTrvl_HwDeg_u12p4	1584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	0	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	0	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2560	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5888	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	7264	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	8576	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	13520	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5440	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5520	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5952	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	9264	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	65408 -3.4	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-3.4 -400	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1	
tgt_EtDmpFw_Per1_E01Disable_Cnt_igc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.4	
tgt EtDmpFw Per1 HandwheelPosition HwDeg f32.value	700	
tgt_EtDmpFw_Per1_HandwneeiPosition_HwDeg_t32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	205	
tgt Rte Call Ap EtDmpFw FaultInjection SCom FitInjection Signal	-1	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 CRFMtrVel MtrRadpS f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority UIs f32	tgt EtDmpFw Per1 HandwheelAuthority Uls f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelPosition HwDeg f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
Name	Actual Value Expected Value	ue Result
EOTDmpFWMode Cnt M u08	0 0 Expected value	Result
		24
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1 -1 ± 0.00048828	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓	





Test Step 2.35 (Repeat Count = 1)	Innut Value		
Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SC	com_FitInjection_Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	3.9		
k_EOTDynConf_Uls_u8p8	14515		
k_MinRackTrvl_HwDeg_u12p4	1744		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	512 768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1792		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2816		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6064		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	7472		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	8832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	13920		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	5600		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	5680		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	6128		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	9536		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	17280		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	20480		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	23680		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	26880		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	6.6		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	500		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.5		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	800		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	215.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrN		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_	_132	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	500	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwD	·-	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	1	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		1_
Name		Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08		0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2	2 ± 0.000488281	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	•





Test Step 2.36 (Repeat Count = 1) Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection(SignalPath_UIs_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCor	m EltInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	III_I Ittiljection_Signal	
k_EOTDmpFWInactiveLim_MtrNm_f32	5.8		
k_EOTDynConf_Uls_u8p8	19968		
k MinRackTrvl HwDeg u12p4	5520		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2048		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2304		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][2]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	7680		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	9088		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	14320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5760		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	5840		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	6304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	9808		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-8400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-8000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-7600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-7232		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6720		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	3200		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	6400		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	9600		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	12800		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-8.1		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-600		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.6		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-900		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	225.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f3	32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg	g_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value Ex	xpected Value F	Resul
EOTDmpFWMode_Cnt_M_u08	0 0		•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2	± 0.000488281	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	•





Test Step 2.37 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection(SignalPath_UIs_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_S	Com EltInjection Signal
Rte_Call_Ap_EtDmpFw Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDInpFw_Fautinjection_S	Com_Fittinjection_Signal
k EOTDmpFWInactiveLim MtrNm f32	6.2	
k EOTDynConf Uls u8p8	307	
k MinRackTrvl HwDeg u12p4	9072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1536	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][4]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2304	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3328	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6416	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	7888	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	160	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	320	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	5920	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	6000	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	6480	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	10080	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3856	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3552	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	3840	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	7040	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	10240	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	13440	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	5.4	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	700	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.7	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1000	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	235.3	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	3	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr	_
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_t	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn	n_t32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hwl	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
Name	Actual Value	Expected Value Res
EOTDmpFWMode_Cnt_M_u08	0	0
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3	3 ± 0.000488281

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	•





Test Step 2.38 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_S0	Com EltInjection Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	John_n timjection_oignal
k_EOTDmpFWInactiveLim_MtrNm_f32	1.1	
k_EOTDynConf_Uls_u8p8	2560	
k MinRackTrvl HwDeg u12p4	5136	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2560	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2816	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][2]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3584	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6592	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8096	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	480	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	640	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6080	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	6160	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	6656	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	10352	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5664	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5136	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	4480	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	7680	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	10880	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	14080	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-4.3	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	800	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.8	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	576	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	245.2	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-3	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrN	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f3	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm	_f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwD	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enur	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
Name	Actual Value	Expected Value Res
EOTDmpFWMode_Cnt_M_u08	0	0
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.10000002	-1.1 ± 0.000488281

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓





Test Step 2.39 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_UIs_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SC	Com EltInjection Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	on_i tinjecton_oignai
k_EOTDmpFWInactiveLim_MtrNm_f32	2.2	
k_EOTDynConf_Uls_u8p8	51968	
k MinRackTrvl HwDeg u12p4	160	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2816	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3840	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3840	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6768	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8304	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	800	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	960	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6240	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	6320	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	6832	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	10624	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-9216	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-8512	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-7808	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-6960	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6720	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5120	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8320	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	11520	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	14720	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.05	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-900	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.9	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-788	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	10.3	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	4	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrN	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f3	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwD	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	1
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
Name	Actual Value	Expected Value Resu
EOTDmpFWMode_Cnt_M_u08	0	0
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.20000005	2.2 ± 0.000488281

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	•





Test Step 2.40 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Se	Com EltInjection Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	Com_r itinjection_oignal
k_EOTDmpFWInactiveLim_MtrNm_f32	3.3	
k_EOTDynConf_Uls_u8p8	26624	
k MinRackTrvl HwDeg u12p4	3248	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1792	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	2048	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][3]	2304	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][4]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3840	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3328	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][2]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3840	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6944	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8512	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1120	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1280	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6480	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7008	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	10896	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11520	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10640	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9760	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-8880	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-8160	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5760	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8960	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12160	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	15360	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.566666667	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1000	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	352	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	20.1	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-4	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm	n_f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwI	Deg_f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	2
Name	Actual Value	Expected Value Re
EOTDmpFWMode_Cnt_M_u08	0	0
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.29999995	-3.3 ± 0.000488281

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓





Test Step 2.41 (Repeat Count = 1)		V
Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	
k_EOTDmpFWInactiveLim_MtrNm_f32	1.9	
k_EOTDynConf_Uls_u8p8	24576	
k_MinRackTrvl_HwDeg_u12p4	6336	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-1024	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7120	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8720	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1440	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1600	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6560	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6640	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7184	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	11168	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	8000	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	8880	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	9760	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	10640	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	11520	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	6400	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	9600	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12800	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16000	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.083333333	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	576	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.345	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-90 0	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	30.2	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	5	
tgt_Rte_Call_Ap_EtDmpFw_Faultinjection_SCom_Fitinjection_Signal tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw Per1_AssistEOTDamping_MtrNm_f32	tgt EtDmpFw Per1 AssistEOTDamping MtrNm f32	
tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw_Peri_AssistEO1Damping_mtrNm_t32 tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw Peri_AssistEO1Damping_mtrNm_t32	tgt_EtDmpFw_Per1_AssistEO1Damping_intrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_CRFwitiver_mitradpS_132 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingLtd_withtin_isz	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EO1Disable_Cnt_igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_E01Disable_Ont_igc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	
	1	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
		14
Name	Actual Value Expected Value Res	uit
EOTDmpFWMode_Cnt_M_u08	0 0	-
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1.89999998 1.9 ± 0.000488281	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓	





Test Step 2.42 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SC	Com Eltiniaction Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	John_i tilinjection_Signal
k EOTDmpFWInactiveLim MtrNm f32	4.6	
k EOTDynConf Uls u8p8	59904	
k MinRackTrvl HwDeg u12p4	9424	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2048	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][1]	2304	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2816	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][4]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1792	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	-1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-768	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7296	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8928	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1760	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1920	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6720	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6800	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7360	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	11440	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	9600	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	10656	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	11712	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	12768	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	13824	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	7040	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	10240	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	13440	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16640	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-788	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.634	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	243	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	40.2	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-5	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrN	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f3	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_	_132
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	600
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwD	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
	Actual Value	Expected Value Re
Name EOTDmpFWMode Cnt M u08		0

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓	





Test Step 2.43 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_S	Com EltInjection Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	oom_ninjection_oignal
k_EOTDmpFWInactiveLim_MtrNm_f32	1	
k_EOTDynConf_Uls_u8p8	38400	
k MinRackTrvl HwDeg u12p4	12512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2560	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1536	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1280	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][2]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-512	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7472	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	9136	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2080	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	2240	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6880	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	6960	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	7536	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	11712	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11520	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10656	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9760	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-8880	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6800	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	7680	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	10880	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14080	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17280	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	5	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	352	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.923	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	56	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	50.2	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	6	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn	n_f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Ul	_
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2
Name	Actual Value	Expected Value Res
EOTDmpFWMode_Cnt_M_u08	2	2
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	6	6 ± 0.000488281

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓	





Test Step 2.44 (Repeat Count = 1) Name	Input Value		
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath Uls f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_S	SCom FitInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	reen,ees.ee.ga.	
k EOTDmpFWInactiveLim MtrNm f32	2		
k_EOTDynConf_Uls_u8p8	44800		
k MinRackTrvl HwDeg u12p4	15600		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7648		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	9344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	2560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7040		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7712		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	11984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	21120		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	24320		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	27520		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	30720		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-7.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-90		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.745		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	768		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	0		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-6	whim f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	II_I32	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	c f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_UI	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	-	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	The second secon	
Name	Actual Value	Expected Value	Resu
EOTDmpFWMode_Cnt_M_u08	0	0	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~		
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~		
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	•		





Test Step 2.45 (Repeat Count = 1)		✓
Name	Input Value	
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath Uls f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	
k_EOTDmpFWInactiveLim_MtrNm_f32	3	
k_EOTDynConf_Uls_u8p8	51200	
k_MinRackTrvl_HwDeg_u12p4	18688	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	3328	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][3]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3840	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	0	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3840	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-768	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][2]	-512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	0	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7824	
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	9552	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2720	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	2880	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	7200	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	7280	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	7888	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	12256	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	16640	
t EOTDmpFWVehSpd Kph u9p7[1]	19840	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	23040	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	26240	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	6	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	243	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.75	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-432	
tgt EtDmpFw Per1 MEC Counter Cnt enum.value	2	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	255	
tgt Rte Call Ap EtDmpFw FaultInjection SCom FltInjection Signal	7	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt EtDmpFw Per1 AssistEOTDamping MtrNm f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 CRFMtrVel MtrRadpS f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt EtDmpFw Per1 EOTDisable Cnt Igc	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority UIs f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw Per1 HandwheelPosition HwDeg f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	
tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
		Dec.,14
Name	Actual Value Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	· ·
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3 ± 0.000488281	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓	



Test Step 2.46 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	
Rte_Call_Ap_EtDmpFw Rte_Inst_Ap_EtDmpFw	tgt_Rte_lost_Ap_EtDmpFw tgt_Rte_lnst_Ap_EtDmpFw	
k_EOTDmpFWInactiveLim_MtrNm_f32	4	
k_EOTDynConf_Uls_u8p8	51200	
k MinRackTrvl HwDeg u12p4	21776	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	3328	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3840	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	0	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	3072	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	3328	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	3584	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3840	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	0	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	256	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8000	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	9760	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3040	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3200	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7360	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	7440	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	8064	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	12528	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-8400	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-8000	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-7600	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-7232	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6720	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	17280	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	20480	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	23680	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	26880	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	2.5	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	56	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.755	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	123	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	110.12	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-7	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
Name	Actual Value Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0 0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4 ± 0.000488281	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓	



Test Step 2.47 (Repeat Count = 1) Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_UIs_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCor	m EltInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	m_nunjection_olgnar	
k_EOTDmpFWInactiveLim_MtrNm_f32	5		
k_EOTDynConf_Uls_u8p8	64000		
k MinRackTrvl HwDeg u12p4	137.6		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1792		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	512		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8176		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	9968		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	8240		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	12800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3856		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3552		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	17920		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	21120		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	24320		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	27520		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-1.2		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	768		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.76		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	868		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	60.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-8.8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f3	32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg	g_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value Ex	xpected Value Re	esul
EOTDmpFWMode_Cnt_M_u08	0 0		•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-5	± 0.000488281	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓	



Test Step 2.48 (Repeat Count = 1) Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SC	com EltInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	on_i linjection_Signal	
k_EOTDmpFWInactiveLim_MtrNm_f32	6		
k_EOTDynConf_Uls_u8p8	25600		
k MinRackTrvl HwDeg u12p4	6768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1536		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8352		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	10176		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3680		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7680		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	7760		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	8416		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	13072		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5664		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5136		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	18560		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	21760		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	24960		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	28160		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.9		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-432		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.765		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	999		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	70.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	8.8	l 600	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrN		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_	_132	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	£22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwD		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		-
Name		Expected Value	Resul
EOTDmpFWMode Cnt M u08	2	2	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	•	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~	





Test Step 2.49 (Repeat Count = 1)			V
Name	Input Value		
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath Uls f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SC	Com FltInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	7		
k_EOTDynConf_Uls_u8p8	32000		
k_MinRackTrvl_HwDeg_u12p4	12288		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-3072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8528		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	10384		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	8592		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	13344		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-6400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5200		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	19200		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	22400		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	25600		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	28800		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-7.7		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	123		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.77		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-119		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	80.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	2.2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrN		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwD	Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	n	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value Res	sult
EOTDmpFWMode_Cnt_M_u08	0	0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.20000005	2.2 ± 0.000488281	-

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	•	





Test Step 2.50 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SC	Com EltInjection Signal
Rte_Call_Ap_EtDmpFw Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw tgt_Rte_Inst_Ap_EtDmpFw	Son_Fittinjection_Signal
k_EOTDmpFWInactiveLim_MtrNm_f32	8	
k_EOTDynConf_Uls_u8p8	38400	
k MinRackTrvl HwDeg u12p4	1664	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-512	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][4]	-256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-2816	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	-2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-1792	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8704	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	10592	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4320	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	4480	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	8000	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	8080	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	8768	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	13616	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	6400	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	7104	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	7808	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	8512	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	9216	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	7680	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	10880	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14080	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17280	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	3.5	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	868	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.775	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	453	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	120.2	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	0	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrN	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f3	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwD	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enun	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
Name	Actual Value	Expected Value Res
EOTDmpFWMode_Cnt_M_u08	0	0
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0	0 ± 0.000488281

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	V





Test Step 2.51 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCo	om EltInjection Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	on_i tinjection_oignal
k EOTDmpFWInactiveLim MtrNm f32	5.8	
k EOTDynConf Uls u8p8	19968	
k MinRackTrvl HwDeg u12p4	5520	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1024	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][1]	-768	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	-512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-256	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][4]	0	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1536	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	0	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1536	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-512	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8880	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	10800	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4640	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	4800	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	8160	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	8240	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	8944	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	13888	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5664	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5136	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	8320	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	11520	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14720	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17920	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-8.1	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-600	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.6	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-900	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	225.1	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-2.1	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNi	_
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_	<u>†32</u>
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDe	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
Name	Actual Value	Expected Value Resi
EOTDmpFWMode_Cnt_M_u08	0 0)
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2.0999999 -:	2.1 ± 0.000488281

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	_





Test Step 2.52 (Repeat Count = 1) Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_Si	Com EltInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	com_r itinjection_signal	
k_EOTDmpFWInactiveLim_MtrNm_f32	0		
k EOTDynConf Uls u8p8	0		
k MinRackTrvl HwDeg u12p4	8		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-4096		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-4096		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][4]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-4096		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][2]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-4096		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	0		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	0		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	0		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	0		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	0		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	0		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1600		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	0		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-8.8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm	1_132	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hwl		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	1	1	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓





Test Step 2.53 (Repeat Count = 1) Name	Input Value	
	•	Com Eltinication Signal
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_UIs_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SC	com_Fittinjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw 8.8	
k_EOTDwpConf_Ula_w2n2	65535	
k_EOTDynConf_Uls_u8p8 k_MinRackTrvl_HwDeq_u12p4	23041.76	
	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	4096	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[2][0]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	4096	
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][2]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	14400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	14400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	14400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	14400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	14400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	14400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	14400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	14400	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	17888	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	17888	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	17888	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17888	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17888	
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408	
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408	
t_EOTDmpFWVehSpd_Kph_u9p7[3]	65408	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1118	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1	
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1600	
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2	
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	255	
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	8.8	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrN	_
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f3	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_	f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwD	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	
Name	Actual Value	Expected Value Res
EOTDmpFWMode_Cnt_M_u08	2	2
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Case 3: Path Test



Specification Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS3.1 2438.00 Cycles TS3.2 2370.00 Cycles TS3.4 2430.00 Cycles TS3.4 2433.00 Cycles TS3.5 2413.00 Cycles TS3.5 2413.00 Cycles TS3.6 2399.00 Cycles TS3.7 2340.00 Cycles TS3.8 2450.00 Cycles TS3.9 2395.00 Cycles TS3.10 2359.00 Cycles TS3.11 2423.00 Cycles TS3.12 2314.00 Cycles TS3.13 2239.00 Cycles TS3.14 2311.00 Cycles TS3.15 2341.00 Cycles

Description Vector Description

```
TS3.1 ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC)T && (MECCounter_Cnt_T_enum != ProductionMode)T) =>TRUE
TS3.2 ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode)) =>FALSE
TS3.3 (Abs_f32_m(HandwheelPosition_HwDeg_T_f32) >= EOTDmpFWX0_HwDeg_T_f32)=>TRUE
TS3.4 (Abs_f32_m(HandwheelPosition_HwDeg_T_f32) >= EOTDmpFWX0_HwDeg_T_f32)=>FALSE
TS3.5 (HandwheelAuthority_Uls_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>TRUE
TS3.6 (HandwheelAuthority_Uls_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>FALSE
TS3.7 ((TRUE == EOTDmpFWActvRegion_Cnt_T_lgc) && (TRUE == EOTDmpFWHWAuth_Cnt_T_lgc))=>TRUE
TS3.8 ((TRUE == EOTDmpFWActvRegion_Cnt_T_lgc) && (TRUE == EOTDmpFWHWAuth_Cnt_T_lgc))=>FALSE
TS3.9 EOTDmpFWActtLd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32,
UprBndActive_MtrNm_T_f32)=>TRUE
TS3.10 EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32,
UprBndActive_MtrNm_T_f32)=>FALSE
TS3.11 EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, k_EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE
TS3.12 EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, k_EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE
TS3.13 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, D_MTRTRQCMDLOLMT_MTRNM_F32, D_MTRTRQCMDHILMT_MTRNM_F32)=>TRUE
TS3.14 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, D_MTRTRQCMDLOLMT_MTRNM_F32, D_MTRTRQCMDHILMT_MTRNM_F32)=>FALSE
TS3.15 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, D_MTRTRQCMDLOLMT_MTRNM_F32, D_MTRTRQCMDHILMT_MTRNM_F32)=>FALSE
```

Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	4
k_EOTDynConf_Uls_u8p8	58112
k_MinRackTrvl_HwDeg_u12p4	8192
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1024
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1280
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	6400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	160
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	240
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	144
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	288
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200
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EtDmpFw_Per1

Name

EOTDmpFWMode_Cnt_M_u08

tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value

2014-09-04, 17:48:06+0530



Result

Input Value t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 1600 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 2000 t EOTDmpFWVehSpd_Kph_u9p7[0] 3200 t_EOTDmpFWVehSpd_Kph_u9p7[1] 6400 t EOTDmpFWVehSpd_Kph_u9p7[2] 9600 t_EOTDmpFWVehSpd_Kph_u9p7[3] 12800 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -8.8 -618.4260768 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value $tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value$ 1 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 933.4763624 $tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value$ 0 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value $tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal$ -8.8 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32$ tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32$ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc$ tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32$ $tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32$ tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum$ tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Actual Value

0

Expected Value

-4 ± 0.000488281

0

Test Step 3.2 (Repeat Count = 1)		
Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	
k_EOTDmpFWInactiveLim_MtrNm_f32	7.9	
k_EOTDynConf_Uls_u8p8	2816	
k_MinRackTrvl_HwDeg_u12p4	4704	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1280	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-2816	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-2560	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-2304	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-2048	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-1792	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	256	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	512	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	768	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1024	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1280	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	256	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	608	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4096	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	9728	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	320	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	320	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	560	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	2000	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	4000	

2014-09-04, 17:48:06+0530



EtDmpFw_Per1

Name	Input Value		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	8400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	9600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	11200		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	3840		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	7040		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	10240		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	13440		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	185.6300671		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1486.55628		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	25.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	8.8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	7.9000001	7.9 ± 0.000488281	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	✓

Test Step 3.3 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_UIs_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	0.126168191
k_EOTDynConf_Uls_u8p8	29952
k_MinRackTrvl_HwDeg_u12p4	13344
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1536
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	432
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	816
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	6912
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	13056
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	480
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	560
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	496
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	832
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	3600

tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value

EtDmpFw_Per1

2014-09-04, 17:48:06+0530



0.126168191 ± 0.000488281

Input Value t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 4000 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 4400 t EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 4800 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 5200 t EOTDmpFWVehSpd_Kph_u9p7[0] 4480 t_EOTDmpFWVehSpd_Kph_u9p7[1] 7680 t_EOTDmpFWVehSpd_Kph_u9p7[2] 10880 t_EOTDmpFWVehSpd_Kph_u9p7[3] 14080 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value 2.1 556.4676778 $tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value$ tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value $tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value$ 0.178307056 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 942.1494973 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 1 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 50.2 tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal 2.1 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32$ tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32$ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32$ tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum$ tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 **Actual Value Expected Value** Result EOTDmpFWMode_Cnt_M_u08

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

0.126168191

Toot Ston 2 A (Bonnet Count = 4)	ه.
Test Step 3.4 (Repeat Count = 1) Name	Input Value
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath Uls f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte Inst Ap EtDmpFw	tgt Rte Inst Ap EtDmpFw
k EOTDmpFWInactiveLim MtrNm f32	6.370175004
k EOTDynConf Uls u8p8	48384
k MinRackTrvl HwDeg u12p4	14528
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-256
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][1]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	512
t2 EOTDmpFWActiveBoundY MtrNm s7p8[0][4]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1792
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	608
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1024
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	9728
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	16384
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	640
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	720
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	672
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1104

2014-09-04, 17:48:06+0530



Name	Input Value		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[0]	5200		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[1]	5600		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[2]	6000		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[3]	6400		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[4]	6800		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5120		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8320		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	14720		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	0		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-96.87578166		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.368849635		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-52.3538835		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	75.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	0		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	<u>f</u> 32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0	0 ± 0.000488281	-

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 3.5 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	5.225780821
k_EOTDynConf_Uls_u8p8	54016
k_MinRackTrvl_HwDeg_u12p4	1408
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2304
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	960
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1440
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	15360
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	23040
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1040
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1024

EtDmpFw_Per1

Name

EOTDmpFWMode Cnt M u08

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

2014-09-04, 17:48:06+0530



Result

Input Value t2 EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 1648 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 8400 t EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 8800 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 9200 9600 t EOTDmpFWActiveBoundX MtrRadpS s11p4[3] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 10000 t_EOTDmpFWVehSpd_Kph_u9p7[0] 6400 $t_EOTDmpFWVehSpd_Kph_u9p7[1]$ 9600 t_EOTDmpFWVehSpd_Kph_u9p7[2] 12800 $t_EOTDmpFWVehSpd_Kph_u9p7[3]$ 16000 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value 8.8 $tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value$ -1118 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 0.037617803 $tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value$ tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 327.335121 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 2 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 125.2 $tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal$ 8.8 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32$ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32$ tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Actual Value

8.80000019

Expected Value

8.8 ± 0.000488281

2

Test Step 3.6 (Repeat Count = 1)	·
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.077585042
k_EOTDynConf_Uls_u8p8	57088
k_MinRackTrvl_HwDeg_u12p4	14768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3072
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1488
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2064
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	23808
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	33024
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1440
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1520

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Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1552		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	2464		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-15984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-15824		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-2064		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1744		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	8320		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14720		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17920		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.11969943		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	491.524636		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	200.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	4.11969943		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_N	ftrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	Vm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	Jls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H	wDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f	32	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	4.11969948	4.11969943 ± 0.000488281	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Test Step 3.7 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.575050282
k_EOTDynConf_Uls_u8p8	30208
k_MinRackTrvl_HwDeg_u12p4	11424
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3840
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2016
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2688
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	32256
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	43008
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1920

EtDmpFw_Per1

Name

EOTDmpFWMode Cnt M u08

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

2014-09-04, 17:48:06+0530



Result

Input Value t2 EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 2000 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 2080 t2 EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 3280 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] -2304 t EOTDmpFWActiveBoundX MtrRadpS s11p4[1] -2128 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] -1952 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] -1776 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -1616 t_EOTDmpFWVehSpd_Kph_u9p7[0] 10240 $t_EOTDmpFWVehSpd_Kph_u9p7[1]$ 13440 t_EOTDmpFWVehSpd_Kph_u9p7[2] 16640 $t_EOTDmpFWVehSpd_Kph_u9p7[3]$ 19840 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value 4.081390154 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value -458 8477756 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value $tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value$ 1488.033648 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 0 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 5.1 $tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal$ 4.081390154 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32$ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32$ tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32$ tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Actual Value

0 3.57505035 **Expected Value**

3.575050282 ± 0.000488281

Test Step 3.8 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.152813399
k_EOTDynConf_Uls_u8p8	22784
k_MinRackTrvl_HwDeg_u12p4	22432
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2192
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2896
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	35072
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	46336

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2014-09-04, 17:48:06+0530



Name	Input Value		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][0]	2080		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][1]	2160		
t2 EOTPosDepDmpTblX HwDeg u12p4[3][0]	2256		
t2 EOTPosDepDmpTblX HwDeg u12p4[3][1]	3552		
t EOTDmpFWActiveBoundX MtrRadpS s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	10880		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	14080		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	17280		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	20480		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-6.746804619		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1083.310996		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.5		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1569.851612		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	10.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-6.746804619		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	Nm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	n_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_UI	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	m	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.15281343	-3.152813399 ± 0.000488281	~

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 3.9 (Repeat Count = 1)	<u>.</u>
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	1.1
k_EOTDynConf_Uls_u8p8	0
k_MinRackTrvl_HwDeg_u12p4	16000
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-3072
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3776
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4768
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	60416

 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32$

tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 MEC Counter Cnt enum

 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32$

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

EtDmpFw_Per1

Name

EOTDmpFWMode Cnt M u08

2014-09-04, 17:48:06+0530



Input Value t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 76288 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 3520 t2 EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3600 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 3840 t2 EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 6000 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] -8400 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] -8000 -7600 $t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]$ t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] -7232 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -6720 t_EOTDmpFWVehSpd_Kph_u9p7[0] 65408 t_EOTDmpFWVehSpd_Kph_u9p7[1] 65408 t_EOTDmpFWVehSpd_Kph_u9p7[2] 65408 t_EOTDmpFWVehSpd_Kph_u9p7[3] 65408 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value -3.4 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value -400 $tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value$ tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 0.4 $tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value$ 700 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 0 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 205 tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal -3.4 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc$ tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt EtDmpFw Per1 HandwheelAuthority Uls f32

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Actual Value

-1.10000002

tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32

Expected Value

-1.1 ± 0.000488281

0

tgt EtDmpFw Per1 MEC Counter Cnt enum

tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

T (0) 040/D (0)	
Test Step 3.10 (Repeat Count = 1)	V
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	0
k_EOTDynConf_Uls_u8p8	0
k_MinRackTrvl_HwDeg_u12p4	8
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-4096
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0

Result

 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum$

tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32

tgt EtDmpFw Per1 EOTDampingLtd MtrNm f32.value

EtDmpFw_Per1

Name

EOTDmpFWMode_Cnt_M_u08

2014-09-04, 17:48:06+0530



Input Value t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 0 t2 EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 0 t2 EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 0 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] -17888 $t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]$ -17888 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] -17888 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] -17888 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -17888 $t_EOTDmpFWVehSpd_Kph_u9p7[0]$ 0 t_EOTDmpFWVehSpd_Kph_u9p7[1] 0 t EOTDmpFWVehSpd_Kph_u9p7[2] n t_EOTDmpFWVehSpd_Kph_u9p7[3] 0 -8.8 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value -1118 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 0 $tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value$ 0 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value -1600 $tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value$ 0 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 0 $tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal$ -8.8 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32$ tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32$ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Actual Value

-8.80000019

tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum

tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

Expected Value

-8.8 ± 0.000488281

Test Step 3.11 (Repeat Count = 1)	y de la company de la comp
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.077585042
k_EOTDynConf_Uls_u8p8	57088
k_MinRackTrvl_HwDeg_u12p4	14768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3072
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1488

Result

2014-09-04, 17:48:06+0530





Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2064		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	23808		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	33024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1552		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	2464		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-15984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-15824		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-2064		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1744		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	8320		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14720		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17920		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	491.524636		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	200.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-8.8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_UI	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Test Step 3.12 (Repeat Count = 1)	√
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8
k_EOTDynConf_Uls_u8p8	0
k_MinRackTrvl_HwDeg_u12p4	23042
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096

2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	230400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	230400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	14400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	65408		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1600		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	255		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	8.8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping	_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRac	lpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_N	/trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lo	gc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthorit	y_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition	_HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt	_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	1	1	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	•

Test Step 3.13 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8
k_EOTDynConf_Uls_u8p8	0
k_MinRackTrvl_HwDeg_u12p4	23042
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	4096

EtDmpFw_Per1

2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	230400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	230400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	14400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	65408		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	2.4		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1600		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	255		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	2.4		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	1	1	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.4000001	2.4 ± 0.000488281	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Test Step 3.14 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8
k_EOTDynConf_Uls_u8p8	58112
k_MinRackTrvl_HwDeg_u12p4	8192
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	512

2014-09-04, 17:48:06+0530



Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1024		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	80		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	400		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][0]	1280		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][1]	6400		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][0]	160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	240		
t2 EOTPosDepDmpTblX HwDeg u12p4[3][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	288		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	3200		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	6400		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	9600		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	12800		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-618.4260768		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	933.4763624		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	0		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	8.8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	~

Test Step Call Trace							
Actual Function	Count	Expected Function	Count	Result			
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~			
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	~			
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~			
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓			

Test Step 3.15 (Repeat Count = 1) ✓				
Name	Input Value			
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal			
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw			
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8			
k_EOTDynConf_Uls_u8p8	58112			
k_MinRackTrvl_HwDeg_u12p4	8192			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	0			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	256			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	256			

2014-09-04, 17:48:06+0530



Name	Input Value			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1024			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	400			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1280			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	6400			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	160			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	240			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	144			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	288			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000			
t_EOTDmpFWVehSpd_Kph_u9p7[0]	3200			
t_EOTDmpFWVehSpd_Kph_u9p7[1]	6400			
t_EOTDmpFWVehSpd_Kph_u9p7[2]	9600			
t_EOTDmpFWVehSpd_Kph_u9p7[3]	12800			
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-8.8			
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-618.4260768			
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0			
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1			
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	933.4763624			
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	0			
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-8.8			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	lm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32			
Name	Actual Value	Expected Value	Result	
FOTDmpFWMade Cat M 1100	0	0	_	
EOTDmpFWMode_Cnt_M_u08	•	1-		

Test Step Call Trace							
Actual Function	Count	Expected Function	Count	Result			
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~			
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	•			
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	•			
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	•			