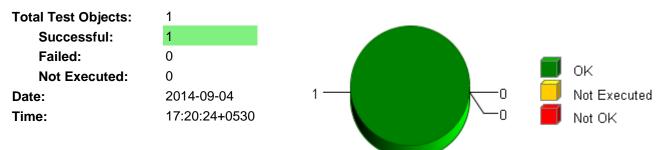


Summary

Overall Test Object Results (including Coverage)



Selected Project Items

Test Object "CBD_UnitTest/EtDmpFw_FLTINJ/EtDmpFw_Per1"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

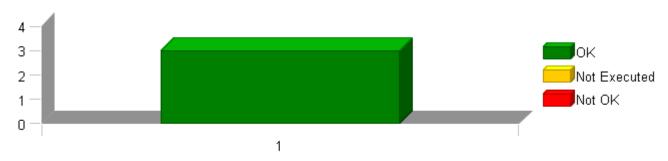
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

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

Decision Coverage, Multiple Condition Coverage

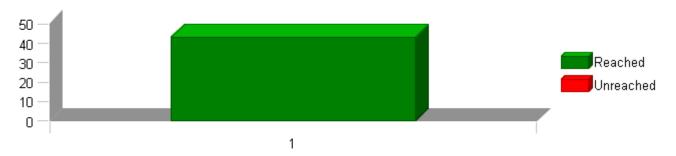
Test Case Results for Each Test Object (without Coverage)



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).

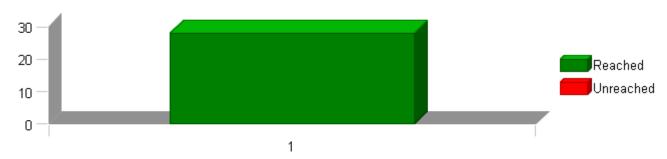


Statement (C0) Coverage: Total Statements for Each Test Object



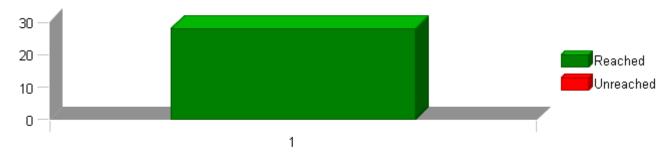
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

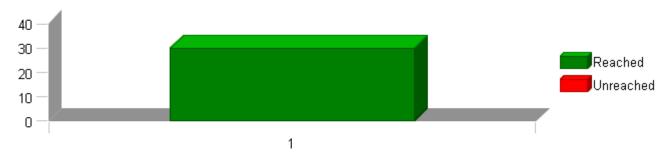


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



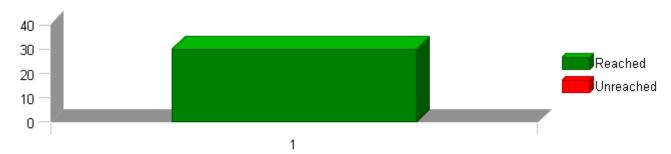
MC/DC Coverage: Total Condition Combinations for Each Test Object



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 Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	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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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	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj

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



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_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1040				
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1024				
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	1648				
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	8400				

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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_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	r1_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_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	~

T					
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_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	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

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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_MtrNm_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_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	~

T				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

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Test Case 2: Boundary Test

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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
                             Vehicle_Speed_Kph_f32==>Max
Vehicle_Speed_Kph_f32==>Pos
Rte_Call_FaultInjection_SCom_FitInjection==>Min
Rte_Call_FaultInjection_SCom_FitInjection==>Max
Rte_Call_FaultInjection_SCom_FitInjection==>Pos
Rte_Call_FaultInjection_SCom_FitInjection==>Zero
Rte_Call_FaultInjection_SCom_FitInjection==>Zero
Rte_Call_FaultInjection_SCom_FitInjection==>Zero
  TS2.45
TS2.46
  TS2.48
TS2.49
  TS2.51 Rte_Call_FaultInjection_SCom_FltInjection==>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_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	128

 $\ensuremath{\texttt{@}}$ Report created by TESSY V3.1.7, report template V2.1

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

EtDmpFw_Per1

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Input Value t2 EOTPosDepDmpTblX_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 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ 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		
Name	Actual Value	Expected Value	Result
EOTDmpEWMode Cot M u08	0	0	

1 ± 0.000488281

Τ				✓
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 2.2 (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

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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_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	400			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	320			
t2_EOTPosDepDmpTblX_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	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_MtrNi	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_Hw	vDeg_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_f32			
Name	Actual Value	Expected Value	Result	
EOTDmpFWMode_Cnt_M_u08	0	0	~	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1	-1 ± 0.000488281	✓	

T				✓
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_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	0.126168191
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

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Name	Input Value		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	816		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	640		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	560		
t2_EOTPosDepDmpTblX_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_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_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_f32		
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	✓

T				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 2.4 (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	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

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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_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_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	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	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	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2	-2 ± 0.000488281	~

T				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	~

T (0) 05/D (0) (4)	
Test Step 2.5 (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	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

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

Name

EOTDmpFWMode_Cnt_M_u08

EtDmpFw_Per1

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Input Value t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4] 2048 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 784 t2 EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1232 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 1152 t2 EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1920 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 880 $t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]$ 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 Λ 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 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 100.1 $tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal$ 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

T				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

tgt EtDmpFw Per1 MEC Counter Cnt enum

tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

Expected Value

3 ± 0.000488281

0

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

Result

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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_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_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	-3	-3 ± 0.000488281	~

T				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 2.7 (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

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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_f32		
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	✓

T			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 2.8 (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

EtDmpFw_Per1

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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_EOTPosDepDmpTblX_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 -5.554596221 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value 110.3 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value $tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value$ 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_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** Result EOTDmpFWMode Cnt M u08

Т			✓	
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

-4 ± 0.000488281

0

-4

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

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

EtDmpFw_Per1

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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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 1488 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 2064 $t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]$ 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 -15984 t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 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 $tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value$ tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 491.524636 $tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value$ 2 tat EtDmpFw Per1 Vehicle Speed Kph f32.value 200.1 $tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal$ 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_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_EtDmpFw_Per1_MEC_Counter_Cnt_enum $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32$ $tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32$ **Expected Value** Name **Actual Value** Result ${\sf EOTDmpFWMode_Cnt_M_u08}$

T				✓
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	~

5 ± 0.000488281

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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

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

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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_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		-5 ± 0.000488281	

Т				✓
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

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Name	Input Value
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]	1840
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2480
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2688
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1840
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1904
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3008
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	14400
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	15984
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	16016
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17568
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17792
t_EOTDmpFWVehSpd_Kph_u9p7[0]	9600
t_EOTDmpFWVehSpd_Kph_u9p7[1]	12800
t_EOTDmpFWVehSpd_Kph_u9p7[2]	16000
t_EOTDmpFWVehSpd_Kph_u9p7[3]	19200
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.492912889
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-1086.187328
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	518.819311
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	250
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	6
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_N _N





Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2048	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_N	MtrNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadp\$		
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_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_H		
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_f32		
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	4
GLD.II.p. W C. ILO I DainpingLtu_Will Will Will _ 102. Value	0.0100000	0.010000202 ± 0.000400201	

T				✓
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





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_EOTPosDepDmpTbIX_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 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 Igc.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	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	m 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_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_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_f32		
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	✓

T				✓
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	



Name	Input Value		
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]	2368		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3104		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3456		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2432		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3824		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5792		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5168		
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	-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_FaultInjection_SCom_FltInjection_Signal	-7		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOT		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVe		
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_EOTDisab	·	
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_Handwhee		
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		B
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	V
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.46907234	-3.46907239 ± 0.000488281	<u> </u>

Т				✓
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 2.15 (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





Name	Input Value		
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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	2544		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	3312		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	3712		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	5920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2400		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	2480		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	2608		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	4096		
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]	12160		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	15360		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	18560		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	21760		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.395257926		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	181.4250626		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.623674393		
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	15.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mi	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_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_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		
	tgt_EtDmpFw_Peri_venicle_Speed_kpri_ts		
Name	Actual Value	Expected Value	Resul
Name EOTDmpFWMode_Cnt_M_u08			Resul

T				✓
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

EtDmpFw_Per1

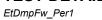




Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072		
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_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3968		
t2_EOTPosDepDmpTblX_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_AssistEOTDamping	_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRad	dpS_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		
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	11000
tgt EtDmpFw Per1 EOTDampingLtd MtrNm f32.value	-5.80985165	-5.809851432 ± 0.000488281	

T			✓	
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





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 EOTPosDepDmpTblX HwDeg u12p4[1][0]	4224		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][1]	6720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2720		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][1]	2800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2960		
t2 EOTPosDepDmpTblX 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_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_LOTDisable_cit_gc		
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_f		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	- 1105uit

T				✓
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





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		
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	3936		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	7120		
t2_EOTPosDepDmpTbIX_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[1]	-3200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-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		
	23680		
t_EOTDmpFWVehSpd_Kph_u9p7[3]			
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	W. M. (1902)	
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_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
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_er		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_t	32	
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	•

Τ				✓
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)	
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

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EtDmpFw Per1 Input Value 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 3248 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4144 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 4736 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 7520 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 3040 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3120 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 3312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 5184 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] 14720 t_EOTDmpFWVehSpd_Kph_u9p7[1] 17920 t EOTDmpFWVehSpd Kph u9p7[2] 21120 t_EOTDmpFWVehSpd_Kph_u9p7[3] 24320 tgt EtDmpFw Per1 AssistEOTDamping MtrNm f32.value -3.302198148 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value 657.2757842 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value $tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value$ 0.659250736 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 1111

Τ				✓
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

n

2.5

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

tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32
tat EtDmpFw Per1 MEC Counter Cnt enum

Expected Value

2.5 ± 0.000488281

0

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_MEC_Counter_Cnt_enum.value

tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value

Name

EOTDmpFWMode_Cnt_M_u08

 $tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal$

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

tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value

tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32

 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$

Result





Name	Input Value		
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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	3424		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	4352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4992		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	7920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3200		
t2 EOTPosDepDmpTbIX HwDeg u12p4[2][1]	3280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3488		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5456		
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]	15360		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	18560		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	21760		
	24960		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	6.227702963		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	800.0290006		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	-1425.06971		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value			
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	65.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal	-2.5	MtrNm f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRad	_	
	tgt_EtDmpFw_Per1_EOTDampingLtd_M		
tgt_Rte_Inst_Ap_etDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lg		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_UIs_f32	tgt_EtDmpFw_Per1_HandwheelAuthority		
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_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph	_	
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	✓

T				✓
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	

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ElDITIPFW_FelT		1	ad Citato
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_s7p8[3][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5248		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	8320		
t2 EOTPosDepDmpTbIX HwDeg u12p4[2][0]	3360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3440		
t2_EOTPosDepDmpTbIX_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		
	-3.04111414		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-909.6176726		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value			
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	f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm	_132	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f3	∠	
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_f3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg	_132	
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		cpected Value	Resul
EOTDmpFWMode_Cnt_M_u08	2 2		•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3.5	5 ± 0.000488281	•

Τ				✓
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_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[0]	-8000			
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[1]				
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-7600			
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[3]	-7232			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6720			
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	la 622		
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_f3			
Name	Actual Value	Expected Value	Result	
EOTDmpFWMode_Cnt_M_u08	0	0	~	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1	-1 ± 0.000488281	~	

T v				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_MinRackTrvI_HwDeg_u12p4	2480	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1280	

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Name	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		
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_s7p6[3][3]	-2048		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][4]	-1792		
t2_EOTDINIP WACEVEBOUNDMININI_S7p0[0][4] t2_EOTDINIP WACEVEBOUNDMININI_S7p0[0][0]	3952		
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	4976		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5760		
t2 EOTPosDepDmpTbIX HwDeg u12p4[1][1]	9120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3680		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3760		
t2 EOTPosDepDmpTbIX 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		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.863200188		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-280.0516266		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
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_N	MtrNm 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 Mtrl	_	
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 F		
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_		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	IXESUIT
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.44973779	2.449737728 ± 0.000488281	

T .				✓
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 2.24 (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	

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ElDIIIprw_rei1			MACITAL
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_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5184		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	6016		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	9520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3920		
t2_EOTPosDepDmpTblX_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_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_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_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	The state of the s	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4.5	-4.5 ± 0.000488281	•

T				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 2.25 (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

EtDmpFw_Per1

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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		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	256		
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]	-768		
	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]			
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_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	6272		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	9920		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	4000		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4080		
t2_EOTPosDepDmpTbIX_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		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	115.1		
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_M	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_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	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

au			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	✓

0

0 ± 0.000488281

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

EOTDmpFWMode_Cnt_M_u08

tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value

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EtDmpFw_Per1	14-09-04, 17:20:16+0530	Razorcat
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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4480	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5600	
t2 EOTPosDepDmpTblX HwDeg u12p4[1][0]	6528	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	10320	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4160	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4240	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4544	
t2_EOTPosDepDmpTblX_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		m f32
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_f3		
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_f3	7	f32
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelPosition HwDeg		
tgt_Rte_Inst_Ap_ctbmpFw.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	
		Expected Value
Name	Actual Value	Expected Value Result

T				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 EtDmnEw Per1 CP1 CheckpointReached	1	•

-5.5 ± 0.000488281

0 -5.5

Test Step 2.27 (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	

EOTDmpFWMode_Cnt_M_u08

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

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Nome	Innut Value			
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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4656			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	5808			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	6784			
t2_EOTPosDepDmpTbIX_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			
	12800			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	14400			
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[2]	16000			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17600			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]				
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_AssistEOTD	amping_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_EOTDampin	gLtd_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_HandwheelF			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Count			
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 Vehicle Speed Kph f32	tgt_EtDmpFw_Per1_Vehicle_Spe			
Name	Actual Value	Expected Value		Resu
EOTDmpFWMode_Cnt_M_u08	0	0		IX690I
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.5999999	2.6 ± 0.000488281		

Τ			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 2.28 (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

EtDmpFw_Per1

2014-09-04, 17:20:16+0530



March Marc	Name	Input Value		
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2.E0TOmpRWAdeboundY_Minits_pt09[1] 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490 3490				
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Record R	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	768		
Page	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1024		
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11120	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	6016		
Part	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	7040		
E_EOTPosDepDmpTbiX_HwDeg_u12p4(2 1)	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	11120		
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4480		
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L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] -17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] -17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] -17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] -17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] -17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] -17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s12p				
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tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.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.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_Re_Call_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CTDamping_Ld_MtrNm_f32 tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDamping_Ld_MtrNm_f32 tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDamping_Ld_MtrNm_f32 tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Re_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Mec_Counter_Cnt_enum tgt_Re_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 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_Call_Ap_EtDmpFw_FaultInjection_Scom_FitInjection_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_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_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw.EtDmpFw_Per1_MacC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum 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 Person Result EOTDmpFWMode_Cnt_M_u08				
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_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_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_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_WEC_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_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_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		1		
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_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 Result EOTDmpFWMode_Cnt_M_u08		-1362 780659		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 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_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_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 EOTDmpFWMode_Cnt_M_u08				
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_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_EOTDampingLtd_MtrNm_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_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 EOTDmpFWMode_Cnt_M_u08				
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_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 tgt_EtDmpFw_MtrNm_f32 tgt_EtDmpFm_MtrNm_f32 tgt_EtDmpFm_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_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_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_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08				
tgt_Rte_Inst_Ap_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_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			rNm f32	
tgt_Rte_Inst_Ap_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_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_Rte_Inst_Ap_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EXPECTED INST_AP_ETDMPFW_DEFT_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMPFW_DEFT_INST_AP_ETDMP	· · - · - · - · - · - · - · - · -			
tgt_Rte_Inst_Ap_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_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_Per1_HandwheelPosition_HwDeg_f32 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 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Expected Value Result			s f32	
tgt_Rte_Inst_Ap_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value EOTDmpFWMode_Cnt_M_u08 2 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Wehicle_Speed_Kph_f32 Expected Value Result				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32				
Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08 2 2				
EOTDmpFWMode_Cnt_M_u08 2 2 ✓				Result
			· ·	~
				V

T .			✓	
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 2.29 (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	4.885460532
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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	11520
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4640
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4720
t2_EOTPosDepDmpTblX_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_FitInjection_Signal	7.5
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_U gnal





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_EOTD/npr winacaveEm_warm_io2	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	

Τ				
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	~





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_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_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_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Counter_Cnt_enum tg_EtDmpFw_Perl_WEC_Speed_Kph_f32 Actual Value

T				
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_S0	Com EltInjection Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	on_ tinjector_oignal
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	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2048	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5536	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	6848	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	8064	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	12720	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5120	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	5200	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	5600	
t2_EOTPosDepDmpTbIX_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_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	Deg_f32
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	-6.69999981	-6.7 ± 0.000488281

T				
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 Uls f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_S	Com EltInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	een,eene.ga.	
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		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2816		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3072		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3328		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1280		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1792		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2048		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2304		
12_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		
12_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	13120		
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5280		
l2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5360		
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5776		
l2_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	rhim f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr		
	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn	11.102	
	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	0.423	
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		
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	

Τ				
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_FitInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCo	om Elthriection Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	on_i tinjection_signal
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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	13520	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5440	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	5520	
t2_EOTPosDepDmpTbIX_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	
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.4	
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-400	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1	
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	-1	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNr	
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_f	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_f	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDe	eg_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 E	Expected Value Res
EOTDmpFWMode_Cnt_M_u08	0 0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1	1 ± 0.000488281

Τ					
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 FtDmnFw Per1 CP1 CheckpointReached	1	V	





Test Step 2.35 (Repeat Count = 1) Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_S	Com Eltiniection Signal	
Rte_Call_Ap_EtDmpFw Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDInpFw_Fautinjection_S	Com_Fitinjection_Signal	
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]	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		
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_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	13920		
t2_EOTPosDepDmpTblX_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_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_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_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_f32		
Name	Actual Value	Expected Value Re	sul
EOTDmpFWMode_Cnt_M_u08	0	0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2	2 ± 0.000488281	

Т				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 2.36 (Repeat Count = 1) Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection(SignalPath_Uls_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	

T					
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 FtDmnFw Per1 CP1 CheckpointReached	1	V	





Test Step 2.37 (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	oon,oooo.ga.	
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		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1280		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1536		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1792		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2304		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2560		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2816		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3072		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3328		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	768		
12_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		
2_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		
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	320		
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5920		
l2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6000		
l2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	6480		
l2_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	traller 500	
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	III_I32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	la 600	
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	The second secon	12
Name	Actual Value	Expected Value	Resu
EOTDmpFWMode Cnt M u08	0	0	

T ✓					
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 2.38 (Repeat Count = 1)	Innut Value
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	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_EOTDmpFWActiveRoundY_MtrNm_s7p8[1][4]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024 1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	
t2_EOTDmpFWActiveRoundY_MtrNm_s7p8[2][2]	1536 1792
t2_EOTDmpFWActiveRoundY_MtrNm_s7p8[2][3]	1792 2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	
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 6592
t2_EOTPosDepDmpTblX_HwDog_u12p4[0][0]	8096
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	480
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	640
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	6080
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	6160
_	6656
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	10352
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6384
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-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_EOTDInpFWVehSpd_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_Faultinjection_Scoti_Fittinjection_Signal 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_AssistEV1Damping_MtrNtl_i52 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_EtJmpFw_Per1_EOTDampingLtd_mtmmin_is2 tgt_EtJmpFw_Per1_EOTDisable_Cnt_lgc
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_ttbmpi ii_i ti i_to i bisabit_ont_igo





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	om_i tinjection_oignal	
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	

√ T				
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 2.40 (Repeat Count = 1) Name	Input Value		
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath Uls f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_S	SCom FltInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	3.3		
k EOTDynConf Uls u8p8	26624		
MinRackTrvI HwDeg u12p4	3248		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1536		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1792		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2048		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2304		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3328		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3840		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2048		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	3072		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3840		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096		
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6944		
2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	8512		
l2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6400		
I2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	6480		
I2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	7008		
t2_EOTPosDepDmpTblX_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		
EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-8160		
EOTDmpFWVehSpd_Kph_u9p7[0]	5760		
EOTDmpFWVehSpd_Kph_u9p7[1]	8960		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12160		
t_EOTDmpFWVehSpd_Kph_u9p7[3] tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	15360 -2.566666667		
gt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value gt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1000		
tgt_EtDmpFw_Per1_E01blsable_Cnt_lgt.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelAutrionty_ois_isz.value 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_ton_AptbmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mi	trNm f32	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
gt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
gt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority Uls f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls f32	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt EtDmpFw Per1 MEC Counter Cnt en		
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Resu
EOTDmpFWMode Cnt M u08	0	0	IVES
gt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.29999995	-3.3 ± 0.000488281	

T ✓					
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) 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	Son_i inijection_oignai	
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_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	6640		
t2_EOTPosDepDmpTbIX_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		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	30.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtrl		
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		
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	1.8999998	1.9 ± 0.000488281	

T ✓				
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_EOTPosDepDmpTbIX_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	

T					
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

Τ				
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	•





Input Value tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal tgt_Rte_Inst_Ap_EtDmpFw
2
44800
15600
2560
2816
3072
3328
3584
-1280
-1024
-768
-512
-256
2560
2816
3072
3328
3584
-1280
-1024
-768
-512
-256
7648
9344
2400
2560
7040
7120
7712
11984
-4608
-4256
-3904
-3552
-3376
21120
24320
27520
30720
-7.8
-90
0
0.745
768
0
0
-6
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_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 Re
0 0 -2 ± 0.000488281

T						
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 FtDmnFw Per1 CP1 CheckpointReached	1	V		





Test Step 2.45 (Repeat Count = 1) Name	Input Value		
	Input Value	Com Elibrication Cianal	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_UIs_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_S0	Com_Fittinjection_Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw 3		
k_EOTDunConf_Ula_uses	51200		
k_EOTDynConf_Uls_u8p8 k MinRackTrvl HwDeg u12p4	18688		
	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0] 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_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	9552		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	2880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7200		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7888		
t2_EOTPosDepDmpTblX_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_Mtrl		
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_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		
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	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3	3 ± 0.000488281	

T						
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	

T						
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 FtDmnFw Per1 CP1 CheckpointReached	1	V		





Test Step 2.47 (Repeat Count = 1) Name	Input Value		
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath Uls f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_S	SCom FltInjection Signal	
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
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		
l2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8176		
l2_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_EOTPosDepDmpTblX_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_FitInjection_Signal		rNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_		
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	III_IVE	
		e f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Ul tgt_EtDmpFw_Per1_HandwheelPosition_Hw		
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwneeiPosition_HwDeg_t32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt EtDmpFw Per1 MEC Counter Cnt enu		
gt_Rte_inst_Ap_etbmprw.etbmprw_ren_wec_counter_cnt_enum gt_Rte_inst_Ap_etDmprw.etDmprw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
		The state of the s	
Name	Actual Value	Expected Value	Resu
EOTDmpFWMode_Cnt_M_u08	0	0	

T					
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	

Τ				
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 FtDmnFw Per1 CP1 ChecknointReached	1	Rte Call FtDmpFw Per1 CP1 CheckpointReached	1	V





Test Step 2.49 (Repeat Count = 1) Name	Input Value	
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SC	om EltInjection Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw	on_i iiiijodion_oignai
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_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	7920	
t2_EOTPosDepDmpTbIX_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_	
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_HwDeg_f32	
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

Т				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 2.50 (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]	-1024 -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_MtrNm_f32	
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

T				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 FtDmpFw Per1 CP1 CheckpointReached	1	Rte Call FtDmnFw 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

T				
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 2.52 (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_f32		
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	

Τ				
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	
	11 1	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	4096	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	4096 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_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 Res
EOTDmpFWMode_Cnt_M_u08	2	2
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281

Τ				
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 FtDmnFw Per1 CP1 ChecknointReached	1	Rte Call FtDmpFw Per1 CP1 CheckpointReached	1	V



Test Case 3: Path Test Specification Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: 2438.00 Cycles 2370.00 Cycles 2419.00 Cycles TS3.1 TS3.2 TS3.3 2433.00 Cycles 2413.00 Cycles 2399.00 Cycles 2340.00 Cycles TS3.4 TS3.5 TS3.6 TS3.7 TS3.8 2450.00 Cycles 2450.00 Cycles 2395.00 Cycles 2359.00 Cycles 2423.00 Cycles 2314.00 Cycles 239.00 Cycles 2311.00 Cycles 2341.00 Cycles TS3.9 TS3.10 TS3.11 TS3.12 TS3.13 TS3.14 TS3.15 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))=>FALSE TS3.8 ((TRUE == EOTDmpFWActvRegion_Cnt_T_lgc) && (TRUE == EOTDmpFWHWAuth_Cnt_T_lgc))=>FALSE TS3.9 EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, LlnrBndActive_MtrNm_T_f32, LlnrBndActive_Mt 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 = 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_f K_EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE TS3.12 EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE TS3.12 EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, k_EOTDmpFWInactiveLim_MtrNm_f32)=>FALSE TS3.13 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, D_MTRTRQCMDLOLMT_MTRNM_F32, D_MTRTRQCMDHILMT_MTRNM_F32)=>TRUE

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_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	1280
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	6400
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	160
t2_EOTPosDepDmpTbIX_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

D_MTRTRQCMDHILMT_MTRNM_F32)=71R0E
TS3.14 LimitedEOTDamping_MtrNm_T f32 = Limit_m(EOTDamping_MtrNm_T_f32,D_MTRTRQCMDLOLMT_MTRNM_F32, D_MTRTRQCMDHILMT_MTRNM_F32)=5FALSE
TS3.15 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDmpFWActLtd_MtrNm_T_f32,D_MTRTRQCMDLOLMT_MTRNM_F32, D_MTRTRQCMDHILMT_MTRNM_F32)

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EtDmpFw_Per1

Name	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		
	9600		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12800		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	-8.8		
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	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	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_Ul	s_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	-4	-4 ± 0.000488281	~

T				✓
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 3.2 (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_EOTPosDepDmpTbIX_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

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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

 $Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached$

 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32$

EtDmpFw_Per1

Name

EOTDmpFWMode_Cnt_M_u08

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Result

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 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_MtrNm_f32 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc$ tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc

tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value		7.9000001 7.9 ± 0.0	00488281	~
T				✓
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_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjec	ion 1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓

Actual Value

tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32

tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum

tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32

 $Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached$

Expected Value

0

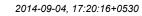
Toot Ston 2.2 (Bonoot Count = 4)	ه.
Test Step 3.3 (Repeat Count = 1) Name	Input Value
Rte Call Ap EtDmpFw FaultInjection SCom FltInjection(SignalPath UIs f32)	tgt Rte Call Ap EtDmpFw FaultInjection SCom FltInjection Signal
Rte Inst Ap EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k EOTDmpFWInactiveLim MtrNm f32	0.126168191
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][2]	1280
t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][4]	1536
	-1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1330
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	
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
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_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	496
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	832
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	3600

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Name	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	
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	2.1	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistE	EOTDamping_MtrNm_f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMt	trVel_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_EOTDi	sable_Cnt_lgc
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_□	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisableUls_f32





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_	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_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	s_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	~

T				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 3.5 (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	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

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Name	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		
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_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_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	~

T				✓
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 3.6 (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_EOTPosDepDmpTblX_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
tat Dto Inst An EtDmnEu EtDmnEu Dord AssistEOTDomning MtNlm (22)	

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Name	Input Value
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	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	

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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_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	-3.15281343	-3.152813399 ± 0.000488281	~

Τ				✓
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

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Name	Input Value			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	76288			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3520			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3600	3600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3840			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	6000			
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]	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	0			
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_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_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	-1.10000002	-1.1 ± 0.000488281	~	

T				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 3.10 (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	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

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Name	Input Value			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	0			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	0			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	0	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	0			
t2_EOTPosDepDmpTblX_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]	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_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_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	1	1	~	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	✓	

T				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 Sten 2.44 (Beneat Count = 4)	
Test Step 3.11 (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	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

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Name	Input Value			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2064			
t2 EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	23808			
t2 EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	33024			
t2 EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1440			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1520			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	1552			
t2 EOTPosDepDmpTbIX_TWDeg_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_	<u>f</u> 32		
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_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_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_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	✓	

Т				
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

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Nama	Input Value				
Name	Input Value				
t2_EOTPosDepDmpTbIX_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_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	14400				
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	14400				
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	14400				
t2_EOTPosDepDmpTbIX_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_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_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 HwDeg 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_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	~		

Τ				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

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Nama	Input Value			
Name	Input Value 4096			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]				
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_Mi	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_Uls_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			
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	~	

T				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

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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_ftwDeg_u12p4[0][0]	1280			
t2 EOTPosDepDmpTblX HwDeg u12p4[1][1]	6400			
t2_EOTPosDepDmpTblX_ftwDeg_u12p4[1][1]	160			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	240			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	144			
t2 EOTPosDepDmpTblX HwDeg u12p4[3][1]	288			
t EOTDmpFWActiveBoundX MtrRadpS s11p4[0]	400			
	800			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] t EOTDmpFWActiveBoundX MtrRadpS s11p4[2]	1200			
t EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1600			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	2000			
	3200			
t_EOTDmpFWVehSpd_Kph_u9p7[0] 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 0			
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1			
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	933.4763624			
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value				
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	tehler 522		
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_132		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	I- 100		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	_		
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_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	8.80000019	8.8 ± 0.000488281	—	

Т				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 3.15 (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

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Nome	Input Value			
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	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			
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_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	✓	

T ✓				
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	•