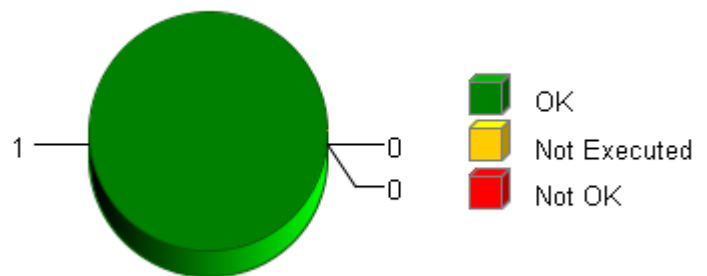


Summary

Total Test Objects: 1
Successful: 1
Failed: 0
Not Executed: 0
Date: 2014-09-04
Time: 17:48:14+0530

Overall Test Object Results (including Coverage)



Selected Project Items

Test Object "CBD_UnitTest/EtDmpFw_FLTINJ/EtDmpFw_Per1"

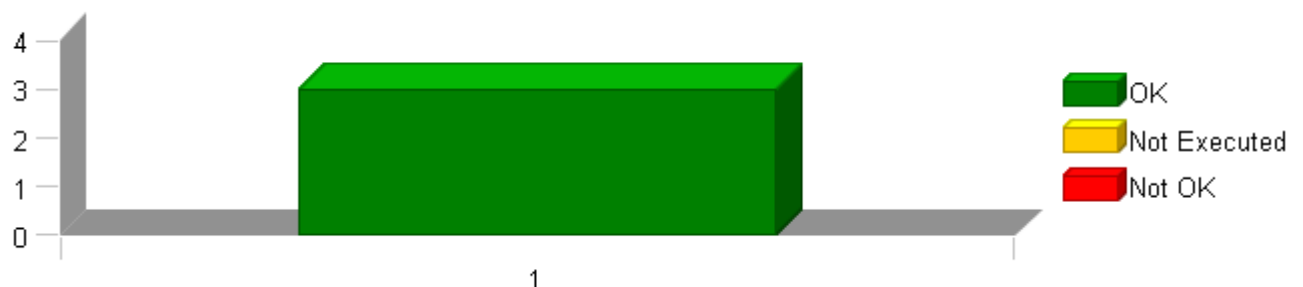
Used Test Environments

TI TMS 570 PLS UDE (Default)

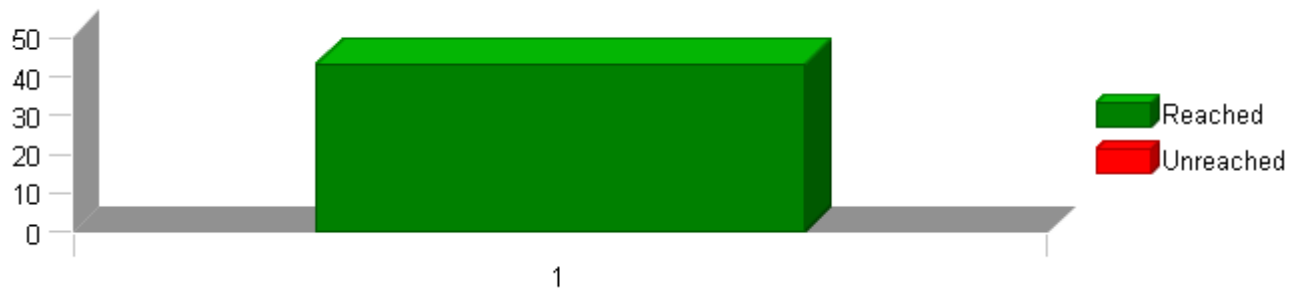
Batch Operation Settings

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

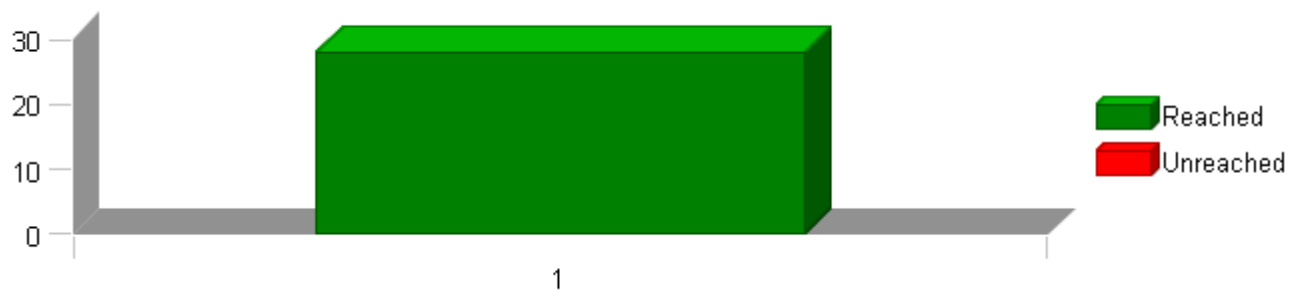
Test Case Results for Each Test Object (without Coverage)



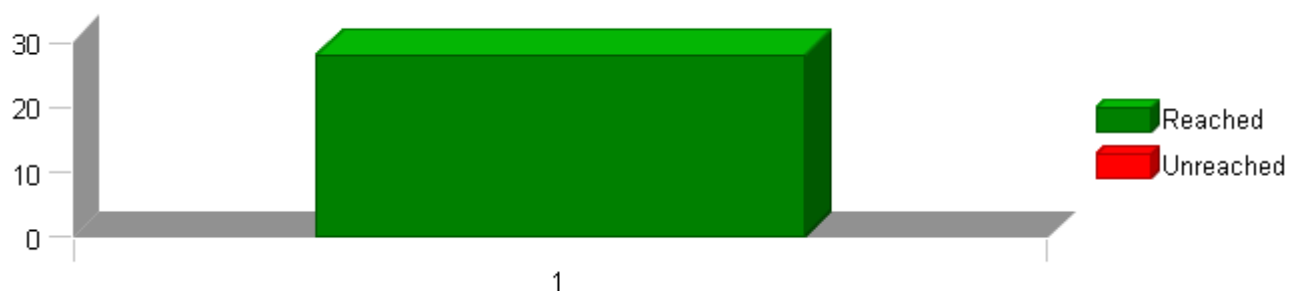
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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

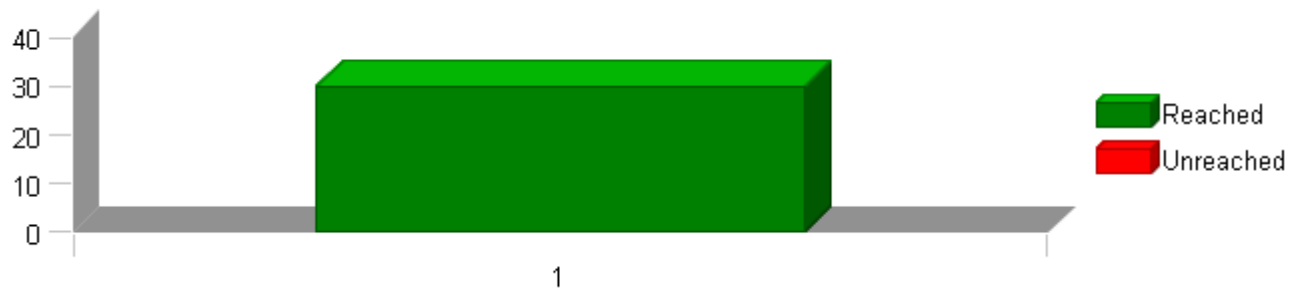
The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

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.

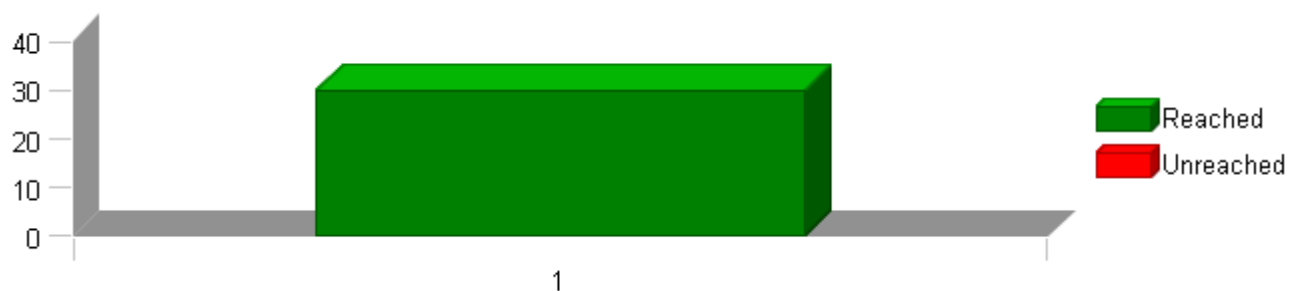
MC/DC Coverage: Total Condition Combinations for Each Test Object



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 OVERVIEW REPORT

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Project EtDmpFw



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	✓

TEST DETAILS REPORT

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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)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtLib\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)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

Comments/Description/Specification

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):19 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 reference. NOTE3: Regarding DD and MDD Modification:- MDD: Received Version: 6 Modified version: 7 MDD section ""6.3.1.4, 4.2.1.2 , 5.1 "" are updated to address the changes as per SRC." *****

Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj

TEST DETAILS REPORT

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EtDmpFw_Per1



Attributes	
Name	Value
InitSrcDir	\${PROJECTROOT}\UnitTestEnv\static_build_files\src
Linker File	\${PROJECTROOT}\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\${PROJECTROOT}\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\${ProgramFiles}\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\${PROJECTROOT}\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_EtDmpFw\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

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EtDmpFw_Perl

Usercode

Stub Function Name	Stub Function Body
Rte_Call_EtDmpFw_Perl_CP0_CheckpointReached	<pre>\$stub void Rte_Call_EtDmpFw_Perl_CP0_CheckpointReached() { /* empty stub code created by TESSY */ }</pre>
Rte_Call_EtDmpFw_Perl_CP1_CheckpointReached	<pre>\$stub void Rte_Call_EtDmpFw_Perl_CP1_CheckpointReached() { /* empty stub code created by TESSY */ }</pre>

Test Case 1: Metrics Test

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 2356.00 Cycles TS1.2 2459.00 Cycles
Description	Vector Description TS1.1 "Shortest Execution Path=> (STD_ON == BC_ETDMPFW_FAULTINJECTIONPOINT)=TRUE EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UpdBndActive_MtrNm_T_f32)=>TRUE EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, k_EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE (Abs_f32_m(HandwheelPosition_HwDeg_T_f32) >= EOTDmpFWX0_HwDeg_T_f32)=>TRUE (HandwheelAuthority_Uls_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>TRUE ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode))=>TRUE " TS1.2 "Longest Execution Path=> (STD_ON == BC_ETDMPFW_FAULTINJECTIONPOINT)=>TRUE EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UpdBndActive_MtrNm_T_f32)=>FALSE EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, k_EOTDmpFWInactiveLim_MtrNm_f32)=>FALSE (Abs_f32_m(HandwheelPosition_HwDeg_T_f32) >= EOTDmpFWX0_HwDeg_T_f32)=>FALSE (HandwheelAuthority_Uls_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>FALSE ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode))=>FALSE "

Test Step 1.1 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_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_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1648
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	8400

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EtDmpFw_Per1

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	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
EOTDmpFWMode_Cnt_M_u08	2	2	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 1.2 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_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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EtDmpFw_Per1

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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.4000001	2.4 ± 0.000488281	✓

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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Test Case 2: Boundary Test



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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	2456.00 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
TS2.13	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
TS2.30	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
TS2.40	2375.00 Cycles
TS2.41	2384.00 Cycles
TS2.42	2437.00 Cycles
TS2.43	2352.00 Cycles
TS2.44	2334.00 Cycles
TS2.45	2388.00 Cycles
TS2.46	2290.00 Cycles
TS2.47	2320.00 Cycles
TS2.48	2367.00 Cycles
TS2.49	2296.00 Cycles
TS2.50	2409.00 Cycles
TS2.51	2327.00 Cycles
TS2.52	2332.00 Cycles
TS2.53	2321.00 Cycles

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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==>Max
TS2.8	CRFMtrVel_MtrRadpS_f32==>Pos
TS2.9	CRFMtrVel_MtrRadpS_f32==>Zero
TS2.10	CRFMtrVel_MtrRadpS_f32==>Neg
TS2.11	HandwheelAuthority_Uls_f32==>Min
TS2.12	HandwheelAuthority_Uls_f32==>Max
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==>Zero
TS2.18	HandwheelPosition_HwDeg_f32==>Neg
TS2.19	k_MinRackTrvl_HwDeg_u12p4==>Min
TS2.20	k_MinRackTrvl_HwDeg_u12p4==>Max
TS2.21	k_MinRackTrvl_HwDeg_u12p4==>Pos
TS2.22	k_EOTDynConf_Uls_u8p8==>Min
TS2.23	k_EOTDynConf_Uls_u8p8==>Max
TS2.24	k_EOTDynConf_Uls_u8p8==>Pos
TS2.25	k_EOTDmpFWInactiveLim_MtrNm_f32==>Min
TS2.26	k_EOTDmpFWInactiveLim_MtrNm_f32==>Max
TS2.27	k_EOTDmpFWInactiveLim_MtrNm_f32==>Pos
TS2.28	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Min
TS2.29	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Max
TS2.30	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Pos
TS2.31	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Zero
TS2.32	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Neg
TS2.33	t_EOTDmpFWVehSpd_Kph_u9p7[4]==>Min
TS2.34	t_EOTDmpFWVehSpd_Kph_u9p7[4]==>Max
TS2.35	t_EOTDmpFWVehSpd_Kph_u9p7[4]==>Pos
TS2.36	EOTDmpFWMode_Cnt_M_u08==>Min
TS2.37	EOTDmpFWMode_Cnt_M_u08==>Max
TS2.38	EOTDmpFWMode_Cnt_M_u08==>Pos
TS2.39	EOTDisable_Cnt_lgc==>Min
TS2.40	EOTDisable_Cnt_lgc==>Max
TS2.41	MEC_Counter_Cnt_enum==> ProductionMode
TS2.42	MEC_Counter_Cnt_enum==> ManufacturingMode
TS2.43	MEC_Counter_Cnt_enum==> EngineeringMode
TS2.44	Vehicle_Speed_Kph_f32==>Min
TS2.45	Vehicle_Speed_Kph_f32==>Max
TS2.46	Vehicle_Speed_Kph_f32==>Pos
TS2.47	Rte_Call_FaultInjection_SCom_FltInjection==>Min
TS2.48	Rte_Call_FaultInjection_SCom_FltInjection==>Max
TS2.49	Rte_Call_FaultInjection_SCom_FltInjection==>Pos
TS2.50	Rte_Call_FaultInjection_SCom_FltInjection==>Zero
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_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	128

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Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4{1}[1]	320		
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	1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1	1 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.2 (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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	320		
t2_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1	-1 ± 0.000488281	✔

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

Test Step 2.3 (Repeat Count = 1)	
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	432

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Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	816		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	640		
t2_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0.126168191	0.126168191 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.4 (Repeat Count = 1)

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

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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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2	-2 ± 0.000488281	✓

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.5 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	6.017341578
k_EOTDynConf_Uls_u8p8	49664
k_MinRackTrvl_HwDeg_u12p4	3216
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1792

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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2048		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	784		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1232		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1152		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	848		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1376		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	6800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	7200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	7600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	8000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	8400		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5760		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8960		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12160		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	15360		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.2		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	905.083979		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.56711936		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-938.9980989		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	100.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3	3 ± 0.000488281	✔

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

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_EOTDmpFWConf_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

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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_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
EOTDmpFWMode_Cnt_M_u08	2	2	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3	-3 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.7 (Repeat Count = 1)

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

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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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0.288146198	0.288146198 ± 0.000488281	✔

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

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

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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2816		
t2_EOTPosDepDmpTblX_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		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-5.554596221		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	110.3		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.840222716		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1425.843047		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	175.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-4		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4	-4 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.9 (Repeat Count = 1)

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

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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1488		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2064		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2176		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1552		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	2464		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-15984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-15824		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-2064		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1744		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	8320		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14720		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17920		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.11969943		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	491.524636		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	200.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	2	2	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	5	5 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.10 (Repeat Count = 1)

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

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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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-5	-5 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.11 (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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.85230994	2.852310026 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.12 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.575050282
k_EOTDynConf_Uls_u8p8	30208
k_MinRackTrvl_HwDeg_u12p4	11424
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1536

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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2016		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2688		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2944		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2080		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3280		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-2304		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-2128		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-1952		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1776		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1616		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	10240		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	13440		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	16640		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	19840		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.081390154		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-458.8477756		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1488.033648		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	5.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-6		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.57505035	-3.575050282 ± 0.000488281	✔

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

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

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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2192		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3200		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2080		
t2_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	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_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3.15281343	3.152813399 ± 0.000488281	✔

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

Test Step 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

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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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.46907234	-3.46907239 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection	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_FitInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_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

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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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2544		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3712		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2608		
t2_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.30915046	2.309150398 ± 0.000488281	✔

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

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

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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-512		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3520		
t2_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-5.80985165	-5.809851432 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.17 (Repeat Count = 1)

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

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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_FitInjection_Signal	1.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1.5	1.5 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection	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_FitInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_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

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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_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3936		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	7120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3136		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4912		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3184		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-2400		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	14080		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	17280		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	20480		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	23680		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.016299307		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	18.76857591		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1575.5		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	45.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-1.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_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
EOTDmpFWMode_Cnt_M_u08	2	2	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.5	-1.5 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.19 (Repeat Count = 1)

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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Name	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		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3248		
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	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.659250736		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1111		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	55.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	2.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.5	2.5 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.20 (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

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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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3424		
t2_EOTPosDepDmpTblX_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_EOTPosDepDmpTblX_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		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	24960		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	6.227702963		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	800.0290006		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1425.06971		
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_FltInjection_Signal	-2.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2.5	-2.5 ± 0.000488281	✔

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

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

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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_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_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3664		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5728		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	16000		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	19200		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	22400		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	25600		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.04111414		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-909.6176726		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	206.3456711		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	75.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	3.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	2	2	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3.5	3.5 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.22 (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

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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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3776		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5504		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	8720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	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	-1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1	-1 ± 0.000488281	✔

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

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

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EtDmpFw_Per1

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_s7p8[3][3]	-2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-1792		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3952		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4976		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	9120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3680		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4016		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	6272		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3856		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3552		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	17280		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	20480		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	23680		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	26880		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-1.3407233		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-188.8030711		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
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_FitInjection_Signal	4.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.44973779	2.449737728 ± 0.000488281	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection	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_FitInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_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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EtDmpFw_Per1

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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4.5	-4.5 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.25 (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

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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		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5392		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	6272		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	9920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4080		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4368		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	6816		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-9216		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-8512		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-7808		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-6960		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6720		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	18560		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	21760		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	24960		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	28160		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-1.181492853		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-108.2702412		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.325884104		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	747.9676644		
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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0	0 ± 0.000488281	✔

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

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

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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_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-5.5	-5.5 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.27 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw

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EtDmpFw_Per1

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_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5808		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	6784		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	10720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	7360		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	11200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	12800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	14400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	16000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17600		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	19840		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	23040		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	26240		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	29440		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	3.452997184		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-1.162028134		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.48662138		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-568.0039799		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	135.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	6.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.5999999	2.6 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 2.28 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal

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EtDmpFw_Per1

Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	4.838191342		
k_EOTDynConf_Uls_u8p8	21504		
k_MinRackTrvl_HwDeg_u12p4	17232		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_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]	4832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	6016		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	7040		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	11120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	7632		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	20480		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	23680		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	26880		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	30080		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-1.241301		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-207.6883241		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1362.780659		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	145.4		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-6.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	2	2	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-6.5	-6.5 ± 0.000488281	✔

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

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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_FltInjection_Signal	7.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tqt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	4.88546038	4.885460532 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

Test Step 2.30 (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	1.304920053			
k_EOTDynConf_Uls_u8p8	23808			
k_MinRackTrvl_HwDeg_u12p4	16592			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1536			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5184			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	6432			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	7552			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	11920			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4800			
t2_EOTPosDepDmpTblX_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_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	
EOTDmpFWMode_Cnt_M_u08	0	0	✓	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.30492008	-1.304920053 ± 0.000488281	✓	

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

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EtDmpFw_Per1

Test Step 2.31 (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	5.7		
k_EOTDynConf_Uls_u8p8	22784		
k_MinRackTrvl_HwDeg_u12p4	5824		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1792		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	6640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	7808		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	12320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5040		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5424		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	8448		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	0		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	0		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	0		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	0		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	0		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	22400		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	25600		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	28800		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	32000		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	1		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	100		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-400		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	175.2		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	8.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tqt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	5.69999981	5.7 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

Test Step 2.32 (Repeat Count = 1)

Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	6.7		
k_EOTDynConf_Uls_u8p8	45568		
k_MinRackTrvl_HwDeg_u12p4	1216		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1792		
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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	12720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5200		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	8720		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11520		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10640		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9760		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-8880		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-8160		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	23040		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	26240		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	29440		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	32640		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	2		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-200		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.2		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	500		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	185.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-8.5		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-6.69999981	-6.7 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

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_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	7.7		
k_EOTDynConf_Uls_u8p8	25344		
k_MinRackTrvl_HwDeg_u12p4	11296		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5712		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	7056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	8320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	13120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5776		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	8992		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11520		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10656		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9760		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-8880		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6800		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	0		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	0		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	0		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	0		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	3		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	300		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.3		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-600		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	195.5		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tqt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1	1 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

Test Step 2.34 (Repeat Count = 1)

Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
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_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5952		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	9264		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	65408		
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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1	-1 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

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_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	3.9		
k_EOTDynConf_Uls_u8p8	14515		
k_MinRackTrvl_HwDeg_u12p4	1744		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	13920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5680		
t2_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tqt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2	2 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

Test Step 2.36 (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	5.8		
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_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5840		
t2_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tqt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2	-2 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

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_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	6.2		
k_EOTDynConf_Uls_u8p8	307		
k_MinRackTrvl_HwDeg_u12p4	9072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3328		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6416		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	7888		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	6480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	10080		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3856		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3552		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	3840		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	7040		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	10240		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	13440		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	5.4		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	700		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.7		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1000		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	235.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3	3 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

Test Step 2.38 (Repeat Count = 1)				
Name	Input Value			
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_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_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3584			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3584			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6592			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8096			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	480			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	640			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6080			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6160			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	6656			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	10352			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5664			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5136			
t_EOTDmpFWVehSpd_Kph_u9p7[0]	4480			
t_EOTDmpFWVehSpd_Kph_u9p7[1]	7680			
t_EOTDmpFWVehSpd_Kph_u9p7[2]	10880			
t_EOTDmpFWVehSpd_Kph_u9p7[3]	14080			
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-4.3			
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	800			
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0			
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.8			
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	576			
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	245.2			
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-3			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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	
EOTDmpFWMode_Cnt_M_u08	0	0	✓	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.10000002	-1.1 ± 0.000488281	✓	

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

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EtDmpFw_Per1

Test Step 2.39 (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	2.2		
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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6320		
t2_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.20000005	2.2 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

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_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	3.3		
k_EOTDynConf_Uls_u8p8	26624		
k_MinRackTrvl_HwDeg_u12p4	3248		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6944		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8512		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7008		
t2_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		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-8160		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5760		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8960		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12160		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	15360		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.566666667		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1000		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	352		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	20.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-4		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.29999995	-3.3 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

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_SCom_FltInjection_Signal			
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw			
k_EOTDmpFWInactiveLim_MtrNm_f32	1.9			
k_EOTDynConf_Uls_u8p8	24576			
k_MinRackTrvl_HwDeg_u12p4	6336			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-1024			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7120			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8720			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1440			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1600			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6560			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6640			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7184			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	11168			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	8000			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	8880			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	9760			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	10640			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	11520			
t_EOTDmpFWVehSpd_Kph_u9p7[0]	6400			
t_EOTDmpFWVehSpd_Kph_u9p7[1]	9600			
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12800			
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16000			
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.083333333			
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	576			
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0			
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.345			
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-90			
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_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	
EOTDmpFWMode_Cnt_M_u08	0	0	✓	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1.89999998	1.9 ± 0.000488281	✓	

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

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EtDmpFw_Per1

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_SCom_FltInjection_Signal			
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw			
k_EOTDmpFWInactiveLim_MtrNm_f32	4.6			
k_EOTDynConf_Uls_u8p8	59904			
k_MinRackTrvl_HwDeg_u12p4	9424			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-768			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7296			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8928			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1760			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1920			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6720			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6800			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7360			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	11440			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	9600			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	10656			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	11712			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	12768			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	13824			
t_EOTDmpFWVehSpd_Kph_u9p7[0]	7040			
t_EOTDmpFWVehSpd_Kph_u9p7[1]	10240			
t_EOTDmpFWVehSpd_Kph_u9p7[2]	13440			
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16640			
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4			
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-788			
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0			
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.634			
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	243			
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	40.2			
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-5			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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	
EOTDmpFWMode_Cnt_M_u08	0	0	✓	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4.5999999	-4.6 ± 0.000488281	✓	

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

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EtDmpFw_Per1

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_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw		tgt_Rte_Inst_Ap_EtDmpFw		
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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]		2240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]		6880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]		6960		
t2_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08		2	2	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value		6	6 ± 0.000488281	✓

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

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EtDmpFw_Per1

Test Step 2.44 (Repeat Count = 1)				
Name	Input Value			
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal			
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw			
k_EOTDmpFWInactiveLim_MtrNm_f32	2			
k_EOTDynConf_Uls_u8p8	44800			
k_MinRackTrvl_HwDeg_u12p4	15600			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3584			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-256			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3584			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-256			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7648			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	9344			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	2400			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	2560			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7040			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7120			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7712			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	11984			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376			
t_EOTDmpFWVehSpd_Kph_u9p7[0]	21120			
t_EOTDmpFWVehSpd_Kph_u9p7[1]	24320			
t_EOTDmpFWVehSpd_Kph_u9p7[2]	27520			
t_EOTDmpFWVehSpd_Kph_u9p7[3]	30720			
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-7.8			
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-90			
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0			
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.745			
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	768			
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	0			
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-6			
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	
EOTDmpFWMode_Cnt_M_u08	0	0	✓	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2	-2 ± 0.000488281	✓	

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

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EtDmpFw_Per1

Test Step 2.45 (Repeat Count = 1)

Name	Input Value		
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	3		
k_EOTDynConf_Uls_u8p8	51200		
k_MinRackTrvl_HwDeg_u12p4	18688		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7824		
t2_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tqt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3	3 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

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_Inst_Ap_EtDmpFw	tgt_Rte_Inst_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_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7440		
t2_EOTPosDepDmpTblX_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_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4	-4 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

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_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			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8176			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	9968			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3360			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3520			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7520			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7600			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	8240			
t2_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_FltInjection_Signal	-8.8			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32			
Name	Actual Value	Expected Value	Result	
EOTDmpFWMode_Cnt_M_u08	0	0	✓	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-5	-5 ± 0.000488281	✓	

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

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EtDmpFw_Per1

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_SCom_FltInjection_Signal			
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw			
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_EOTPosDepDmpTblX_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_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7760			
t2_EOTPosDepDmpTblX_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			
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	
EOTDmpFWMode_Cnt_M_u08	2	2	✓	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	✓	

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

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EtDmpFw_Per1

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_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	7		
k_EOTDynConf_Uls_u8p8	32000		
k_MinRackTrvl_HwDeg_u12p4	12288		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-3072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8528		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	10384		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	8592		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	13344		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-6400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5200		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	19200		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	22400		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	25600		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	28800		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-7.7		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	123		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.77		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-119		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	80.3		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	2.2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tqt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.20000005	2.2 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

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_SCom_FltInjection_Signal			
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw			
k_EOTDmpFWInactiveLim_MtrNm_f32	8			
k_EOTDynConf_Uls_u8p8	38400			
k_MinRackTrvl_HwDeg_u12p4	1664			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-256			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-256			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-1792			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	8704			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	10592			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4320			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4480			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	8000			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	8080			
t2_EOTPosDepDmpTblX_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_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	
EOTDmpFWMode_Cnt_M_u08	0	0	✓	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0	0 ± 0.000488281	✓	

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

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EtDmpFw_Per1

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_SCom_FltInjection_Signal		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	8160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	8240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	8944		
t2_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tqt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2.0999999	-2.1 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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EtDmpFw_Per1

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_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		
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_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_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
EOTDmpFWMode_Cnt_M_u08	1	1	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

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Test Step 2.53 (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	65535			
k_MinRackTrvl_HwDeg_u12p4	23041.76			
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]	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_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	
EOTDmpFWMode_Cnt_M_u08	2	2	✓	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	✓	

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

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Test Case 3: Path Test

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

TS3.1 2438.00 Cycles
TS3.2 2370.00 Cycles
TS3.3 2419.00 Cycles
TS3.4 2433.00 Cycles
TS3.5 2413.00 Cycles
TS3.6 2399.00 Cycles
TS3.7 2340.00 Cycles
TS3.8 2450.00 Cycles
TS3.9 2395.00 Cycles
TS3.10 2359.00 Cycles
TS3.11 2423.00 Cycles
TS3.12 2314.00 Cycles
TS3.13 2239.00 Cycles
TS3.14 2311.00 Cycles
TS3.15 2341.00 Cycles

Description Vector Description

TS3.1 ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC)T && (MECCounter_Cnt_T_enum != ProductionMode)T) ==>TRUE
TS3.2 ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode)) ==>FALSE
TS3.3 (Abs_f32_m(HandwheelPosition_HwDeg_T_f32) >= EOTDmpFWX0_HwDeg_T_f32)==>TRUE
TS3.4 (Abs_f32_m(HandwheelPosition_HwDeg_T_f32) >= EOTDmpFWX0_HwDeg_T_f32)==>FALSE
TS3.5 (HandwheelAuthority_Uls_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>TRUE
TS3.6 (HandwheelAuthority_Uls_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>FALSE
TS3.7 ((TRUE == EOTDmpFWActvRegion_Cnt_T_lgc) && (TRUE == EOTDmpFWHWAAuth_Cnt_T_lgc))=>TRUE
TS3.8 ((TRUE == EOTDmpFWActvRegion_Cnt_T_lgc) && (TRUE == EOTDmpFWHWAAuth_Cnt_T_lgc))=>FALSE
TS3.9 EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UpdBndActive_MtrNm_T_f32)==>TRUE
TS3.10 EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UpdBndActive_MtrNm_T_f32)==>FALSE
TS3.11 EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInActiveLim_MtrNm_f32, k_EOTDmpFWInActiveLim_MtrNm_f32)==>TRUE
TS3.12 EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInActiveLim_MtrNm_f32, k_EOTDmpFWInActiveLim_MtrNm_f32)==>FALSE
TS3.13 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, D_MTRTRQCMDLOLMT_MTRNM_F32, D_MTRTRQCMDHILMT_MTRNM_F32)==>TRUE
TS3.14 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, D_MTRTRQCMDLOLMT_MTRNM_F32, D_MTRTRQCMDHILMT_MTRNM_F32)==>FALSE
TS3.15 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDmpFWActLtd_MtrNm_T_f32, D_MTRTRQCMDLOLMT_MTRNM_F32, D_MTRTRQCMDHILMT_MTRNM_F32)

Test Step 3.1 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInActiveLim_MtrNm_f32	4
k_EOTDynConf_Uls_u8p8	58112
k_MinRackTrvl_HwDeg_u12p4	8192
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1024
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1280
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	6400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	160
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	240
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	144
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	288
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200

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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		
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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4	-4 ± 0.000488281	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_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_EOTDmpFWConf_Uls_u8p8	2816
k_MinRackTrvl_HwDeg_u12p4	4704
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1280
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	256
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	608
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4096
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	9728
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	560
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	2000
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	4000

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

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

Test Step 3.3 (Repeat Count = 1)	
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_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_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_EOTPosDepDmpTblX_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0.126168191	0.126168191 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 3.4 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	6.370175004
k_EOTDynConf_Uls_u8p8	48384
k_MinRackTrvl_HwDeg_u12p4	14528
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	0
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1792
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	608
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1024
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	9728
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	16384
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	640
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	720
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	672
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1104

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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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0	0 ± 0.000488281	✔

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

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

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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_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
EOTDmpFWMode_Cnt_M_u08	2	2	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	✓

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

Test Step 3.6 (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		
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
EOTDmpFWMode_Cnt_M_u08	2	2	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	4.11969948	4.11969943 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 3.7 (Repeat Count = 1)

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

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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	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3.57505035	3.575050282 ± 0.000488281	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection	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 3.8 (Repeat Count = 1)	
Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FitInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	3.152813399
k_EOTDynConf_Uls_u8p8	22784
k_MinRackTrvl_HwDeg_u12p4	22432
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2192
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2896
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	35072
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	46336

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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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.15281343	-3.152813399 ± 0.000488281	✓

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

Test Step 3.9 (Repeat Count = 1)	
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		
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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.10000002	-1.1 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 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_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_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_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
EOTDmpFWMode_Cnt_M_u08	1	1	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	✔

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

Test Step 3.11 (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	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_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	23808		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	33024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1552		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	2464		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-15984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-15824		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-2064		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1744		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	8320		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14720		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17920		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	491.524636		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	200.1		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	-8.8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	2	2	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 3.12 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8
k_EOTDynConf_Uls_u8p8	0
k_MinRackTrvl_HwDeg_u12p4	23042
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	4096
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096

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Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	230400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	230400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	14400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	65408		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1600		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	255		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	8.8		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_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
EOTDmpFWMode_Cnt_M_u08	1	1	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 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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Name	Input Value		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	230400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	230400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	14400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	65408		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	2.4		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1600		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	255		
tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal	2.4		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_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
EOTDmpFWMode_Cnt_M_u08	1	1	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.4000001	2.4 ± 0.000488281	✔

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

Test Step 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_EOTDmpFWConf_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_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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✔
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	✓
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection	1	✓
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	✓

Test Step 3.15 (Repeat Count = 1)

Name	Input Value
Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection(SignalPath_Uls_f32)	tgt_Rte_Call_Ap_EtDmpFw_FaultInjection_SCom_FltInjection_Signal
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8
k_EOTDdynConf_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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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_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
EOTDmpFWMode_Cnt_M_u08	0	0	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	✓

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