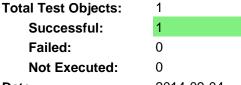
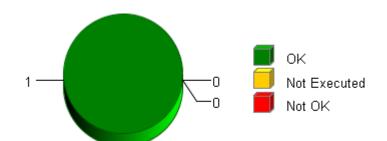


Summary

Overall Test Object Results (including Coverage)







Selected Project Items

Test Object "CBD_UnitTest/EtDmpFw/EtDmpFw_Per1"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

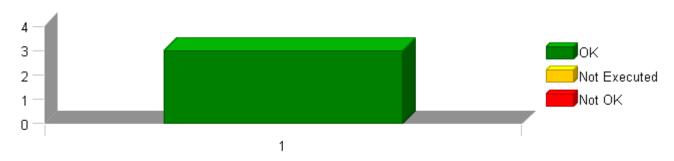
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

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

Decision Coverage, Multiple Condition Coverage

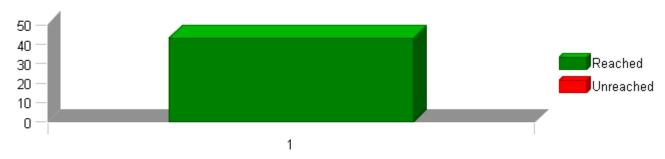
Test Case Results for Each Test Object (without Coverage)



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).

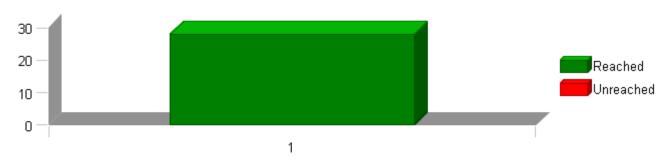


Statement (C0) Coverage: Total Statements for Each Test Object



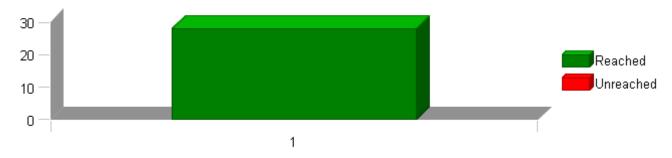
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

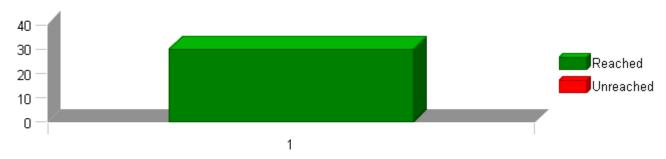


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



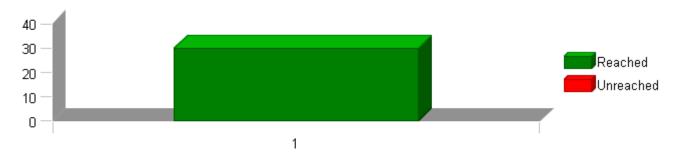
MC/DC Coverage: Total Condition Combinations for Each Test Object



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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Test Object List

Project EtDmpFw

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

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

No.	Name	CO	C1	DC	MC/DC	МСС	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	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•
1	EtDmpFw_Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	~

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Project	EtDmpFw
Module	EtDmpFw
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=-Dconst=-DBC_ETDMPFW_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT)\EtDmpFw\utp\contract\Ap_EtDmpFw -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef (Compiler Install Path)\include	
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DBC_ETDMPFW_FAULTINJECTIONPOINT=STD_OFF -I\\$(PROJECTROOT)\EtDmpFw\utp\contract -I\\$ (PROJECTROOT)\EtDmpFw\utp\contract\Ap_EtDmpFw -I\\$(PROJECTROOT)\NxtrLib\include -I\\$(PROJECTROOT)\StdDef\include -I\\$ (Compiler Install Path)\include

Name	Text
Module 'EtDmpFw'	Name of Tester:Mazeed Abdul Code File(s) Under Test:Ap_EIDmpFw.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 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):19 Total CALS 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 refrence. NOTE3: Regarding DD and MDD Modification:- MDD: Received Version: 6 Modified version: 7 MDD section ""6.3.1.4, 4.2.1.2, 5.1 "" are updated to address the changes as per SRC."

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

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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			



Test Step 1.1 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw			
k_EOTDmpFWInactiveLim_MtrNm_f32	5.225780821			
k_EOTDynConf_Uls_u8p8	0			
k_MinRackTrvl_HwDeg_u12p4	1408			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2304			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2560			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2816			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1280			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1536			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1792			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2048			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2304			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	960			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1440			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	15360			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	23040			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1040			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1024			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	1648			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	8400			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	8800			
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	9200			

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EtDmpFw_Per1

Name	Input Value			
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 Igc.value	1			
tqt EtDmpFw Per1 HandwheelAuthority Uls f32.value	0.037617803			
tgt EtDmpFw Per1 HandwheelPosition HwDeg f32.value	327.335121			
tqt EtDmpFw Per1 MEC Counter Cnt enum.value	2			
tgt_tbmpFw Per1 Vehicle Speed Kph f32.value 125.2				
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32 tgt EtDmpFw Per1 AssistEOTDamping MtrNm f32		rNm f22		
tqt Rte Inst Ap EtDmpFw.EtDmpFw Per1 CRFMtrVel MtrRadpS f32	tgt_EtDmpFw_Fer1_AssistEO1Damping_int	_		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDampingLtd MtrNm f32	tgt_EtDmpFw_Fer1_CRFMttVer_MttRaupS_ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNi			
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Fer1_EOTDampingLtd_MtrNi tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	11_132		
	tgt EtDmpFw Per1 HandwheelAuthority Uls f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3			
Name	Actual Value	Expected Value	Result	
EOTDmpFWMode_Cnt_M_u08	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	~	
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_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
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

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EtDmpFw_Per1

Name	Input Value		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	n_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Ul	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.4000001	2.4 ± 0.000488281	~

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

EtDmpFw_Per1

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Test Case 2: Boundary Test





```
Specification
```

```
and WithPS Environment)
                               1960.00 Cycles
1919.00 Cycles
1980.00 Cycles
1974.00 Cycles
2062.00 Cycles
2014.00 Cycles
2015.00 Cycles
1943.00 Cycles
1962.00 Cycles
1962.00 Cycles
1999.00 Cycles
1930.00 Cycles
1930.00 Cycles
1898.00 Cycles
TS2.1
TS2.2
TS2 3
TS2.4
TS2.6
TS2.7
TS2.8
TS2.9
TS2.10
TS2.11
TS2.12
TS2.13
                                     1898.00 Cycles
2023.00 Cycles
1903.00 Cycles
1878.00 Cycles
TS2.14
TS2.15
TS2.15
TS2.16
TS2.17
TS2.18
                                      1903.00 Cycles
TS2.19
TS2.20
TS2.21
                                      1934.00 Cycles
1930.00 Cycles
1853.00 Cycles
                                   1853.00 Cycles
1926.00 Cycles
1926.00 Cycles
1862.00 Cycles
1872.00 Cycles
1877.00 Cycles
1848.00 Cycles
1834.00 Cycles
1935.00 Cycles
1935.00 Cycles
1973.00 Cycles
1969.00 Cycles
2136.00 Cycles
2136.00 Cycles
1915.00 Cycles
1980.00 Cycles
1990.00 Cycles
1957.00 Cycles
1957.00 Cycles
TS2.22
TS2.23
TS2.24
TS2.25
TS2.26
TS2.27
TS2.28
TS2.29
TS2.30
TS2.31
TS2.32
TS2.33
TS2.34
TS2.35
TS2.36
TS2.37
                                     1957.00 Cycles
1930.00 Cycles
1853.00 Cycles
1906.00 Cycles
1939.00 Cycles
1928.00 Cycles
1889.00 Cycles
1886.00 Cycles
TS2.38
TS2.39
TS2.40
TS2.41
TS2.42
                                     1940.00 Cycles
1855.00 Cycles
1854.00 Cycles
1862.00 Cycles
TS2.45
TS2.46
TS2.47
TS2.48
```

Performance Metrics (With "None" Instrumentation

Description

Vector Description

```
TS2.1 AssistEOTDamping_MtrNm_f32==>Min
TS2.2 AssistEOTDamping_MtrNm_f32==>Max
                AssistEOTDamping_MtrNm_f32==>Pos
AssistEOTDamping_MtrNm_f32==>Pos
AssistEOTDamping_MtrNm_f32==>Neg
CRFMtrVel_MtrRadpS_f32==>Min
TS2.3
 TS2.4
 TS2.5
 TS2.6
 TS2.7 CRFMtrVel_MtrRadpS_f32==>Max
TS2.8 CRFMtrVel_MtrRadpS_f32==>Pos
TS2.9 CRFMtrVel_MtrRadpS_f32==>Zero
                   CRFMtrVel_MtrRadpS_f32==>Neg
HandwheelAuthority_Uls_f32==>Min
HandwheelAuthority_Uls_f32==>Max
 TS2.10
 TS2.11
 TS2.12
                    HandwheelAuthority_Uls_f32==>Pos
HandwheelPosition_HwDeg_f32==>Min
HandwheelPosition_HwDeg_f32==>Max
 TS2.13
 TS2.14
 TS2.15
                    HandwheelPosition_HwDeg_f32==>Pos
HandwheelPosition_HwDeg_f32==>Zero
HandwheelPosition_HwDeg_f32==>Neg
 TS2.16
 TS2.17
TS2.18
                    k_MinRackTrvl_HwDeg_u12p4==>Min
k_MinRackTrvl_HwDeg_u12p4==>Max
k_MinRackTrvl_HwDeg_u12p4==>Pos
 TS2.19
 TS2.20
 TS2.21
                    k_EOTDynConf_Uls_u8p8==>Min
k_EOTDynConf_Uls_u8p8==>Max
k_EOTDynConf_Uls_u8p8==>Pos
 TS2.22
 TS2.23
 TS2.24
                    k_EOTDmpFWInactiveLim_MtrNm_f32==>Min
k_EOTDmpFWInactiveLim_MtrNm_f32==>Max
k_EOTDmpFWInactiveLim_MtrNm_f32==>Pos
  TS2.25
 TS2.26
 TS2.27
                   k_EOTDmpFWInactiveLim_MtrNm_f32==>Pos
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Min
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Max
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Pos
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Pos
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[5]==>Neg
t_EOTDmpFWVehSpd_Kph_u9p7[4]==>Min
t_EOTDmpFWVehSpd_Kph_u9p7[4]==>Max
t_EOTDmpFWVehSpd_Kph_u9p7[4]==>Pos
EOTDmpFWMode_Cnt_M_u08==>Min
EOTDmpFWMode_Cnt_M_u08==>Pos
EOTDmpFWMode_Cnt_M_u08==>Pos
EOTDmpFWMode_Cnt_M_u08==>Pos
EOTDmpFWMode_Cnt_M_u08==>Pos
  TS2.28
 TS2 29
 TS2.30
 TS2.32
 TS2.33
 TS2.34
 TS2.35
 TS2.36
 TS2.37
 TS2.38
                    EOTDisable_Cnt_lgc==>Min
EOTDisable_Cnt_lgc==>Max
 TS2.39
 TS2.40
                    MEC_Counter_Cnt_enum==> ProductionMode
MEC_Counter_Cnt_enum==> ManufacturingMode
MEC_Counter_Cnt_enum==> EngineeringMode
Vehicle_Speed_Kph_f32==>Min
 TS2.41
 TS2 42
 TS2.43
 TS2.44
                    Vehicle_Speed_Kph_f32==>Max
Vehicle_Speed_Kph_f32==>Pos
 TS2 45
 TS2.46
  TS2.47
                    All Min
```

TS2.48 All Max





Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
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		
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_Igc.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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mi		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	-	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_





Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	7.9		
k_EOTDynConf_Uls_u8p8	2816		
k_MinRackTrvl_HwDeg_u12p4	4704		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1280		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	256		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	608		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	4096		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	9728		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	320		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	400		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	320		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	560		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	2000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	4000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	8400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	9600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	11200		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	3840		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	7040		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	10240		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	13440		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	185.6300671		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1486.55628		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	25.3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mi		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	-	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_t32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	I- 100	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	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	~
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_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] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-512 512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	768 1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	432		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	816		
t2 EOTPosDepDmpTbIX HwDeg u12p4[1][0]	6912		
t2_EOTPosDepDinpTblX_HwDeg_u12p4[1][0]	13056		
t2_EOTPosDepDinpTblX_HwDeg_u12p4[1][1]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_





Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
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		
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	tubles 522	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	III_13Z	
tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw_Peri_EO1Disable_Cnt_igc tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw Peri_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	lle f32	
	tgt_EtDmpFw_Per1_HandwheelAuthority_L		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f		Desult
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0	0 ± 0.000488281	V

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





Test Step 2.5 (Repeat Count = 1)			<u> </u>
Name	Input Value		
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 1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1792 2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024		
	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048		
t2_EOTDITIPFWActiveBoundY_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_EOTDINIP WACKVEBOUNDT_MITMIT_\$7p0[3][4] t2_EOTPOSDepDmpTbIX_HwDeg_u12p4[0][0]	784		
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	1232		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	12544		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	19712		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
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	
<u> </u>			

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





Test Step 2.6 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	5.225780821		
k_EOTDynConf_Uls_u8p8	54016		
k_MinRackTrvI_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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	1440		
t2_EOTPosDepDmpTbIX_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		
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_wiEC_Counter_Cnt_enum.value	125.2		
·- ·	tgt EtDmpFw Per1 AssistEOTDamping Mt	rNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	0- 1 1 -	-	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNi	III_132	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	lo f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_end		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3) <u> </u>	
		I	
Name	Actual Value	Expected Value	Result
	Actual Value 2 8.80000019	Expected Value 2 8.8 ± 0.000488281	Result

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



Test Step 2.7 (Repeat Count = 1) Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	0.288146198		
k EOTDynConf Uls u8p8	13568		
k MinRackTrvI 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		
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]	18176		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	26368		
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 14208		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	15616		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17024		
t_EOTDITIPFWActiveBoundX_MtrRadpS_s11p4[3]	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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
		From a sets of Malicon	
Name	Actual Value	Expected Value	Resul
Name EOTDmpFWMode_Cnt_M_u08	O Actual Value	0	Resul

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	~
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)	Inner Webse		
Name	Input Value		
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		
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]	20992		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	29696		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1280		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1360		
t2_EOTPosDepDmpTbIX_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		
	0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.840222716		
	1425.843047		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1425.843047		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	_ ·		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	175.3	huhlan #22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_132	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	1	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
Name	Actual Value	Expected Value	Resul
	10	0	1 .
EOTDmpFWMode_Cnt_M_u08	0	U	•

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	~
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_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		
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 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	491.524636		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	200.1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEO1Damping_within_is2 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_m		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDampingLtd MtrNm f32	tgt_etDmpFw_Per1_EOTDampingLtd_MtrN		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	<u>.</u>	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	lls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt EtDmpFw Per1 HandwheelPosition H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f:		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	Rosult
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	4.11969948	4.11969943 ± 0.000488281	
-5			

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





Test Step 2.10 (Repeat Count = 1) Name	Input Value		
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		
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_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	26624		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	36352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1600		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1680		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1728		
t2_EOTPosDepDmpTbIX_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 2000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] t EOTDmpFWVehSpd Kph u9p7[0]	8960		
t_EOTDInpFWVehSpd_kpir_usp7[0] t_EOTDmpFWVehSpd_kpir_usp7[1]	12160		
t_EOTDIniprwvenSpd_Kph_u9p7[1] 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 Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt EtDmpFw Per1 CRFMtrVel MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelPosition HwDeg f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode Cnt M u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.4840107	-8.484010279 ± 0.000488281	
-3:	20.0.01	22.0.02.0.2.0.00400201	

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	~
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)			V
Name	Input Value		
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		
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]	29440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	39680		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1904		
t2_EOTPosDepDmpTbIX_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 0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0		
tgt_EtDmpFw_Per1_nandwneeiAuthority_Ois_132.value	518.819311		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	250		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssisteOTDamping_intrinii_is2 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Fer1_AssistEOTDamping_will tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	_	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	<u>.</u>	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority UIs f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	lls f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelPosition HwDeg f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 MEC Counter Cnt enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f:		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	rtosuit
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2.49291301	-2.492912889 ± 0.000488281	·
-3			

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





Test Step 2.12 (Repeat Count = 1) Name	Input Value		
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		
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 -2128		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-1952		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1776		
t_EOTDInprWActiveBoundX_MtrRadpS_s11p4[3]	-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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mi	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	•
	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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	Rte Call EtDmnEw Per1 CP1 ChecknointReached	1	_





Test Step 2.13 (Repeat Count = 1) Name	Input Value		
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		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2080		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	2160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3552		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	10880		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	14080		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	17280		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	20480		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-6.746804619		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1083.310996		
tgt_etDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.5		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1569.851612 2		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	10.2		
		trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingEtd_With	<u></u>	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt EtDmpFw Per1 HandwheelAuthority U	ls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	_	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 MEC Counter Cnt enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt EtDmpFw Per1 Vehicle Speed Kph f3		
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode Cnt M u08	0	0	Acoult
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.15281343	-3.152813399 ± 0.000488281	
	-0.10201040	-u. 1920 19955 ± U.UUU40020 1	

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



Test Step 2.14 (Repeat Count = 1) Name	Input Value		
	•		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDupConf_Ulls_usps	3.46907239 16384		
k_EOTDynConf_Uls_u8p8			
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 2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]			
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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	2368		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	3104		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	37888		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	49664		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	2240		
t2_EOTPosDepDmpTbIX_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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mi		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	-	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	•
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.46907234	-3.46907239 ± 0.000488281	•

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





Test Step 2.15 (Repeat Count = 1)			V
Name	Input Value		
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		
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]	40704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	52992		
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	Marking 500	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	IIII_I32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority Uls f32	tgt_EtDmpFw_Per1_EO1Disable_Cnt_igc tgt_EtDmpFw_Per1_HandwheelAuthority_U	lle f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_vehicle_Speed_Kph_f32	tgt EtDmpFw Per1 Vehicle Speed Kph f		
Name	Actual Value	Expected Value	Populé
	0	0	Result
EOTDmpFWMode_Cnt_M_u08	-2.30915046	-2.309150398 ± 0.000488281	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2.50315040	-2.508 130380 ± 0.00040020 1	

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





Test Step 2.16 (Repeat Count = 1) Name	Input Value		
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		
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 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	3520		
t2 EOTPosDepDmpTbIX HwDeg u12p4[1][0]	43520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	56320		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	ltrNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Assisted1bariping_within_is2	tgt_EtbImpFw_Fei1_AssistEO1Damping_iv tgt EtDmpFw Per1 CRFMtrVel MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	-	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_i32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingLtd_MitN tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_EOTDisable_Cfit_igc tgt_EtDmpFw_Per1_HandwheelAuthority_U	lls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAutrionity_0is_is2 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H	_	
	tgt_EtDmpFw_Per1_HandwheelPosition_Hi		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw Per1_Vehicle_Speed_Kph_f32			
	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f		D
	Actual Value	Expected Value	Result
Name			
Name EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0 -1.38086188	0 -1.380861843 ± 0.000488281	

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





Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
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		
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]	46336		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	59648		
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	tablas 622	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EO1DampingLtd_MtrNm_r32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	III_102	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EO1Disable_Cnt_igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_EO1Disable_Cnt_igc tgt_EtDmpFw_Per1_HandwheelAuthority_U	le f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt EtDmpFw Per1 HandwheelPosition Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Dogult
	0	0	Result
EOTDmpFWMode_Cnt_M_u08	1.59781265		
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1.00/01200	1.5978127 ± 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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	_





Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
<_EOTDmpFWInactiveLim_MtrNm_f32	2.628083515		
<_EOTDynConf_Uls_u8p8	41216		
<_MinRackTrvl_HwDeg_u12p4	15536		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2816		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	3072		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	3328		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3584		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3840		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1024		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-768		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-512		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-256		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	0		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2816		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	3072		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	3328		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3584		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3840		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1024		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-768		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-512		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-256		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	0		
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3072		
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3936		
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	49152		
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	62976		
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2880		
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2960		
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3136		
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4912		
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6400		
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4800		
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3200		
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3184		
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-2400		
E_EOTDmpFWVehSpd_Kph_u9p7[0]	14080		
_EOTDmpFWVehSpd_Kph_u9p7[1]	17280		
EOTDmpFWVehSpd_Kph_u9p7[2]	20480		
EOTDmpFWVehSpd_Kph_u9p7[3]	23680		
gt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.016299307		
gt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	18.76857591		
gt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
gt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1575.5		
gt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	45.2		
gt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt EtDmpFw Per1 AssistEOTDamping M	ltrNm f32	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	_	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	_	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	Jls_f32	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H	_	
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_er		
gt Rte Inst Ap EtDmpFw.EtDmpFw Per1 Vehicle Speed Kph f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f		
Name	Actual Value	Expected Value	Resu
EOTDmpFWMode_Cnt_M_u08	2	2	11030
	_	i-	

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





Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
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		
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]	51968		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	66304		
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 0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 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 Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	ltrNm f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 CRFMtrVel MtrRadpS f32	tgt_EtDmpFw_Fer1_AssistEOTDamping_m		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	_	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority Uls f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	Jls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f:		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	✓
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.30219817	-3.302198148 ± 0.000488281	•
0_		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

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



Test Step 2.20 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt Rte Inst Ap EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	5.653158593		
k_EOTDynConf_Uls_u8p8	46592		
k_MinRackTrvl_HwDeg_u12p4	23042		
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]	3424		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	54784		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	69632		
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 1425 06071		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1425.06971 0		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0 65.2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32		trNm f32	
tgt_Rte_inst_Ap_etDmpFw.EtDmpFw_Peri_AssistEOTDamping_MtrNm_f32 tgt_Rte_inst_Ap_etDmpFw.EtDmpFw_Peri_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_inst_Ap_etDmpFw.EtDmpFw_Peri_CRF.mtrvei_mtrRadps_r32 tgt_Rte_inst_Ap_etDmpFw.EtDmpFw_Peri_EOTDampingLtd_MtrNm_r32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDampingLtd_intin		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 MEC Counter Cnt enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	ive suit
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	5.65315866	5.653158593 ± 0.000488281	
tgtempi w_i or i_eorbanipingeta_mtifftii_ioz.value	0.00010000	0.000100000 ± 0.000400201	

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



Test Step 2.21 (Repeat Count = 1) Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt Rte Inst Ap EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8		
k EOTDynConf Uls u8p8	16896		
k MinRackTrvl HwDeg u12p4	21237		
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]	3600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	57600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	72960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3360		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	3440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3664		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5728		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400 800		
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[1]	1200		
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[2]	1600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000		
t EOTDmpFWVehSpd Kph u9p7[0]	16000		
t EOTDmpFWVehSpd Kph u9p7[1]	19200		
t_EOTDInpl WvenSpd_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 Igc.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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.04111409	-3.04111414 ± 0.000488281	

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



Test Step 2.22 (Repeat Count = 1)			✓
Name	Input Value		
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		
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 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	700		
	205		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value		trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw_Peri_CRFMtrVei_mtrRadps_i32 tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw_Peri_CRFMtrVei_mtrRadps_i32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDiampingLtd_MitNin_i32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingLtd_intind tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	III_192	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
	0	0	Result
EOTDmpFWMode_Cnt_M_u08	-1.10000002		
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	~
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)			V
Name	Input Value		
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		
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]	63232		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	79616		
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	tubling \$20	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN tgt EtDmpFw Per1 EOTDisable Cnt lgc		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority Uls f32	tgt_EtDmpFw_Per1_EO1Disable_Cnt_igc tgt_EtDmpFw_Per1_HandwheelAuthority_U	lle f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 MEC Counter Cnt enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt EtDmpFw Per1 Vehicle Speed Kph f3		
Name	Actual Value	Expected Value	Paguit
	0	0	Result
EOTDmpFWMode_Cnt_M_u08	-1.34072328	-1.3407233 ± 0.000488281	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.04072320	-1.5407233 ± 0.000400201	

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





Test Step 2.24 (Repeat Count = 1)	Input Value		
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32 k_EOTDynConf_Uls_u8p8	7.938577724 62464		
k_EOTDYTCOTI_OIS_uopo k_MinRackTrvl_HwDeg_u12p4	21232		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1024		
	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1] 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]	66048		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	82944		
t2_EOTPosDepDmpTbIX_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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	-	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	The second secon	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	6.85055399	6.850553811 ± 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	~	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_	



Test Step 2.25 (Repeat Count = 1)			_
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	0		
k_EOTDynConf_Uls_u8p8	2560		
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]	68864		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	86272		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4080		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4368		
t2_EOTPosDepDmpTbIX_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		
	28160		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	-1.181492853		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-108.2702412		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0 0.325884104		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value			
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	taller 100	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNi	m_t32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu		
tot Die Inst An EtDansey EtDansey Dord Vahiele Cased Kah 622	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
tgt_Rte_inst_Ap_EtDinprw.EtDinprw_Peri_venide_Speed_Rpii_i32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name	Actual Value	Expected Value	Result
		Expected Value 0	Result

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	~
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)	Input Value		
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32 k_EOTDynConf_Uls_u8p8	8.8 5120		
k MinRackTrvl HwDeg u12p4	8256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-512		
	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1] 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]	71680		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	89600		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	4.6767931	4.676793134 ± 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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_





Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt Rte Inst Ap EtDmpFw		
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		
	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3328		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4656		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	5808		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	74496		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	92928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4320		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4720		
t2_EOTPosDepDmpTbIX_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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_	MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadp	S_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_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_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_e		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph		
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode Cnt M u08	0	0	T.Cour
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	~
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)	Input Value		
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32 k_EOTDynConf_Uls_u8p8	4.838191342 21504		
k MinRackTrvl HwDeg u12p4	17232		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096		
	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1] 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_s7p6[2][1]	-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]	77312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	96256		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	4480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4560		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	4896		
t2_EOTPosDepDmpTbIX_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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode Cnt M u08	2	2	·
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.24130094	-1.241301 ± 0.000488281	
, - , - , - , - , - , - , - , - , - , -			

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





Test Step 2.29 (Repeat Count = 1)			✓
Name	Input Value		
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]	80128		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	99584		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	ltrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	lm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	Jls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H	wDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	ium	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	4.88546038	4.885460532 ± 0.000488281	
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_





Test Step 2.30 (Repeat Count = 1)			✓
Name	Input Value		
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]	82944		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	102912		
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 0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.690670133		
tgt_EtDmpFw_Per1_nandwneetAuthority_Ois_is2.value	234.0244154		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	165.3		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 CRFMtrVel MtrRadpS f32	tgt_EtDmpFw_Per1_AssistEOTDamping_m		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt EtDmpFw Per1 EOTDisable Cnt Igc	<u>.</u>	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority Uls f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	lls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 MEC Counter Cnt enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f:		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	Nosuit
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1.30492008	1.304920053 ± 0.000488281	
	50 102000	55 .525555 2 0.000 10020 1	

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





Test Step 2.31 (Repeat Count = 1)			V
Name	Input Value		
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]	85760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	106240		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNi	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1	1 ± 0.000488281	~

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





Test Step 2.32 (Repeat Count = 1)	Invest Walter
Name	Input Value
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw 6.7
k_EOTDupConf_Ulb_u9p3	45568
k_EOTDynConf_Uls_u8p8	
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 1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2048 1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	
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_EOTDmpFWActiveRoundY_MtrNm_s7p8[3][0]	1024 1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2048
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	5536
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	6848
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	88576
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	109568
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	5120
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5200
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	5600
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	8720
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[0]	-11520 -10640
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-9760
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-8880
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-8160
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	23040
t_EOTDmpFWVehSpd_Kph_u9p7[0]	
t_EOTDmpFWVehSpd_Kph_u9p7[1]	26240
t_EOTDmpFWVehSpd_Kph_u9p7[2]	29440
t_EOTDmpFWVehSpd_Kph_u9p7[3]	32640 2
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-200
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0 0.2
	500
TOT BUILDING WAT HANGWINGGILDOCITION LIVE NO. #27 VOLUS	300
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	1 185.3
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Actual Value Resu
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	1 185.3 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

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





Test Step 2.33 (Repeat Count = 1)			✓
Name	Input Value		
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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	5712		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	7056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	91392		
t2_EOTPosDepDmpTbIX_HwDog_u12p4[1][1]	112896 5280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5776		
t2_EOTPosDepDmpTbIX_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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	The second secon	
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	•	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~	





Test Step 2.34 (Repeat Count = 1)			✓
Name	Input Value		
Rte_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]	94208		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	116224		
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			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	205	trhim f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDiampingLtd_MitNin_i32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingLtd_inting tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	lle f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Popult
	0	0	Result
EOTDmpFWMode_Cnt_M_u08	-1.10000002	•	
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	~	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_	





Name	Input Value		
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_s7p6[1][3]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p6[1][4]			
	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	512 768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1024 1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]			
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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	6064		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	7472		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	97024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	119552		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_	MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadp	S_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_Mtr	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_	_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_I	HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_e	enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_		
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3.9000001	3.9 ± 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	~	
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~	
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~	





Test Step 2.36 (Repeat Count = 1)			✓
Name	Input Value		
Rte_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]	99840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	122880		
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_Igc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	0.6 -900		
	-900		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	225.1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	itrNm f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistE01Damping_withwin_is2	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_etDmpFw_Per1_EOTDampingLtd_MtrN	_	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	<u></u>	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_L	lls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 MEC Counter Cnt enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f:		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	- Count
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-5.80000019	-5.8 ± 0.000488281	
-3	2.00000.0	1.5 2 0.000 .00201	

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





Test Step 2.37 (Repeat Count = 1)			✓
Name	Input Value		
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]	102656		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	126208		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5920		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	6000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	6480		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	10080		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608 -4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	ltrNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_L	lls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H	wDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	5.4000001	5.4 ± 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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	_





Name	Input Value		
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 EOTPosDepDmpTbIX HwDeg u12p4[0][0]	6592		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8096		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	105472		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	129536		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	6080		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	6160		
t2 EOTPosDepDmpTbIX 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_AssistE01Damping_MitNm_isz.value 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		
	0		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	245.2	Atrhim f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_N tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadp\$	_	
		-	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_Mtrl	VIII_132	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	IIIo #22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_e		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_		
Name	Actual Value	Expected Value	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	

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



Test Step 2.39 (Repeat Count = 1) Name	Input Value		
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		
	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1792 2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]			
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]	108288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	132864		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	6240		
t2_EOTPosDepDmpTbIX_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 Igc.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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt EtDmpFw Per1 CRFMtrVel MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
tgt_Rte_inst_Ap_EtDmpFw.EtDmpFw_Fer1_EOTDampingEtd_intrinin_is2	tgt_EtDmpFw_Per1_EOTDampingEtd_iviting tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EO1Disable_Cnt_igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_EOTDisable_Cnt_igc tgt_EtDmpFw_Per1_HandwheelAuthority_U	le f32	
		_	
	tat EtDmpEw Port HandwhoolDocition III		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	um 32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3 Actual Value	um 32 Expected Value	Result
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	um 32	Resul

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





Test Step 2.40 (Repeat Count = 1)			✓
Name	Input Value		
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]	111104		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	136192		
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 -11520		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10640		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	<u>f</u> 32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Ul	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2.5666666	-2.566666667 ± 0.000488281	✓

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





Test Step 2.41 (Repeat Count = 1)			✓
Name	Input Value		
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]	113920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	139520		
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 576		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	576		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0 0.345		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-90		
tgt_EtDmpFw_Per1_nandwheelPosition_nwbeg_isz.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_wiec_counter_cnt_enum.value tgt_EtDmpFw_Per1_wiec_counter_cnt_enum.value	30.2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mi	trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEO1bamping_init		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt EtDmpFw Per1 EOTDisable Cnt Igc	<u></u>	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 Vehicle Speed Kph f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
	0	0	Nesuit
EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.8999998	-1.9 ± 0.000488281	-
tgt_tompi w_r et t_to toampingtitt_withtin_toz.value	-1.000000000	-1.0 ± 0.000 4 00201	

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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_





Test Step 2.42 (Repeat Count = 1)			✓
Name	Input Value		
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]	116736 142848		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	6720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6800		
t2_EOTPosDepDmpTbIX_TWDeg_u12p4[2][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	7360		
t2_EOTPosDepDmpTbIX_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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	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	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~





Test Step 2.43 (Repeat Count = 1)			✓
Name	Input Value		
Rte_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]	119552		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	146176		
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			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	50.2	trNm f22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVei_MtrRadpS_t32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDampingLtd_iviting tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	III_102	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	le f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Populé
	2	2	Result
EOTDmpFWMode_Cnt_M_u08	5		
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3	5 ± 0.000488281	

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





Test Step 2.44 (Repeat Count = 1)			✓
Name	Input Value		
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 7648		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	9344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	122368		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	149504		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	7040		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7712		
t2 EOTPosDepDmpTbIX 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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamp	ing_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd	_MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt	t_lgc	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAutho	prity_Uls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPositi	ion_HwDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_C	Cnt_enum	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_I	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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	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 2.45 (Repeat Count = 1)			✓
Name	Input Value		
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]	125184		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	152832		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	7200		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	7280		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	7888		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	12256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	16640		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	19840		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	23040		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	26240		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	6		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	243		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.75		
tgt_EtDmpFw_Per1_nandwneeiAuthority_Ois_132.value	-432		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	255		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 CRFMtrVel MtrRadpS f32	tgt_EtDmpFw Per1 CRFMtrVel MtrRadpS		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDampingLtd MtrNm f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	_	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	··· 	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	lls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt EtDmpFw Per1 Vehicle Speed Kph f		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	- Jourt
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3	3 ± 0.000488281	
-3	•	0.000 .00201	

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





Test Step 2.46 (Repeat Count = 1)	Invest Value		
Name	Input Value		
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 3840		
t2_EOTDmpFWActiveRoundY_MtrNm_s7p8[0][3]	4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-768		
	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3] 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_s7p6[2][3]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p6[2][4]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p6[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 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	9760		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][0]	128000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	156160		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	· -	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.5	2.5 ± 0.000488281	
<u> </u>			

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





Test Step 2.47 (Repeat Count = 1)			✓
Name	Input Value		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Ul		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_





Spot	Test Step 2.48 (Repeat Count = 1)			✓
SRL, met.Ap_EDmpFw	Name	Input Value		
E. COTTOMP/Wiles Maribas Kind	Rte Inst Ap EtDmpFw	•		
Valence Strot Marbeg 1/25 2002 2 2 2 2 2 2 2 2	k EOTDmpFWInactiveLim MtrNm f32			
2. DOTOMPAWAREBOURY_MINE_27(90) 2. DOTOMPAWAREBOURY_MINE_27(90) 2. DOTOMPAWAREBOURY_MINE_27(90) 2. DOTOMPAWAREBOURY_MINE_27(90) 2. DOTOMPAWAREBOURY_MINE_27(90) 2. DOTOMPAWAREBOURY_MINE_27(90) 3. DOS 3. DOTOMPAWAREBOURY_MINE_27(90) 3. DOS 3. DOTOMPAWAREBOURY_MINE_27(90) 3. DOS 3. DOTOMPAWAREBOURY_MINE_27(91) 3. DOS 3. DOS 3. DOTOMPAWAREBOURY_MINE_27(91) 3. DOS 3. DOS 3. DOTOMPAWAREBOURY_MINE_27(91) 3. DOS	k_EOTDynConf_Uls_u8p8	65535		
2. EOTIOnPPWACHSQUARY Minfm. p7880[1] 2. EOTIOnpPWACHSQUARY Minfm. p7880[1] 3. EOTIOnpPWACHSQUARY Minfm. p7880[1] 4. EOTIOnpPWACHSQUARY Minfm. p7880[1] 4. EOTIOnpPWACHSQUARY Minfm. p7881[1] 4. EOTIOnpPWACHSQUARY Minfm. p7	k_MinRackTrvl_HwDeg_u12p4	23042		
2. EOTIOnPPWACHSQUARY Minfm. p7880[1] 2. EOTIOnpPWACHSQUARY Minfm. p7880[1] 3. EOTIOnpPWACHSQUARY Minfm. p7880[1] 4. EOTIOnpPWACHSQUARY Minfm. p7880[1] 4. EOTIOnpPWACHSQUARY Minfm. p7881[1] 4. EOTIOnpPWACHSQUARY Minfm. p7	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	4096		
2, EOTOPPPWAGEBourdy Minfm _ 7580[0] 4006	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	4096		
2, EOTOPPPWAGEBourdy Minfm _ 7580[0] 4006	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	4096		
2. EOTOnpPWActerBoundY_MNN_s7p8[19]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	4096		
Z. EOTOnpFWAcheboundY, Minhm, 3768 [1] 4006 2	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	4096		
Z. EOTIONP/WichelboundY, Minhs, 17961 13 4096 2 2 2 2 2 2 2 2 2	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	4096		
2. EOTOnpPWAdnebaundY_Minin_stp8[1] s 4066	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	4096		
Z. EOTIONEP/WatheBoundY_Minkm_s7p8[1]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	4096		
2. EOTIORPPWActiveBoundY_Mirkim_s7p8[2] 0 2. EOTIORPPWActiveBoundY_Mirkim_s7p8[2] 2 2. EOTIORPPWActiveBoundY_Mirkim_s7p8[2] 2 2. EOTIORPPWActiveBoundY_Mirkim_s7p8[2] 2 2. EOTIORPPWActiveBoundY_Mirkim_s7p8[2] 3 2. EOTIORPPWActiveBoundY_Mirkim_s7p8[2] 4 2. EOTIORPPWActiveBoundY_Mirkim_s7p8[3] 4 2. EOTIORPPWACtiveBoundY_Mirkim_s5p8[3] 4 2. EOTIORPPWACtiveBo	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	4096		
2. EOTOMPWAcheBoundY_Minthm_s7p8[2][1] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][3] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][4] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][6] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][7] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][7] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][8] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][8] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][8] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][8] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][9] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][9] 4006 2. EOTOMPWAcheBoundY_Minthm_s7p8[2][9] 4006 2. EOTOMPWACheBoundY_Minthm_s7p8[2][9] 14400 2. EOTOMPSQ_EOTOMPINTA_HANGE_U12p4[9][9] 14400 2. EOTOMPSQ_EOTOMPINTA_HANGE_U12p	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	4096		
2. EOTIOMPFWActiveBoundY_MirNin_s7p8[2]2 4096	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	4096		
2 EOTOmpFWActiveBoundY, MrNm, 5788[2] 3 4996 2 EOTOmpFWActiveBoundY, MrNm, 5788[2] 4 4996 3 EOTOmpFWActiveBoundY, MrNm, 5788[3] 1 4996 4 EOTOMpFWActiveBoundY, MrNm, 5788[3] 1 4996 5 EOTOMpFWActiveBoundY, MrNm, 5788[3] 2 4996 5 EOTOMpFWActiveBoundY, MrNm, 5788[3] 3 4996 5 EOTOMpFWActiveBoundY, MrNm, 5788[3] 3 4996 6 EOTOMPFWACtiveBoundY, MrNm, 5788[3] 4 4996 6 EOTOMPFWACtiveBoundY, MrNm, 5788[3] 4 4996 7 EOTOMPFWACtiveBoundY, MrNm, 5788[3] 4 4996 8 EOTOMPFWACtiveBoundY, MrNm, 5788[3] 4 4996 9 EOTOMPFWACtiveBoundY, MrNm, 5788[3] 4 4996 9 EOTOMPFWACTIVEBOUNDY, MrNm, 5788[3] 4 4996 1 EOTOMPFWACTIVEBOUNDY, MrNm, 5788[3] 4 4996 1 EOTOMPPWACTIVEBOUNDY, MrNm, 5788[3] 4 4996 2 EOTOROSPOMPTIXX, HWOB_U12P41[9] 1 14400 2 EOTOMPFWACTIVEBOUNDX, MrRadpS_s11p4[9] 1 17888 EOTOMPFWACTIVEBOUNDX, MrRadpS_s11p4[9] 1	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	4096		
Z EOTOmpFWActiveBoundY_MthNm_s7p8[3][0] 4096 4096 4096	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	4096		
Z_EOTOmpFWActiveBoundY_MrNm_s7p8[3][0] 4096 4096 4096 4	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	4096		
2 EOTOmpFWActiveBoundY_MrNm_s7p8[3][1] 4096	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	4096		
22 EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 2 4096	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	4096		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3] 4096 14400 14	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	4096		
12_EOTDmpFWActiveBoundY_MtrNm_s78g3][4] 4996 14400 144	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	4096		
12_EOTPosDepDmpTbX_HwDeg_u12p4(0)[0] 12_EOTPosDepDmpTbX_HwDeg_u12p4(0)[1] 12_EOTPosDepDmpTbX_HwDeg_u12p4(1)[1] 12_EOTPosDepDmpTbX_HwDeg_u12p4(1)[1] 12_EOTPosDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTPosDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTPosDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTPosDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTPosDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTPosDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTPosDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTPosDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTPosDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTDospDepDmpTbX_HwDeg_u12p4(2)[0] 12_EOTDospDepDmpTbX_HwDeg_u12p4(2)[0] 14400 12_EOTDospPVActiveBoundX_MirRadpS_s11p4(0) 14500 14400 14500 14400	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	4096		
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12_EOTPosDepDmpTbiX_HwDeg_u12p4[2][0]	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	230400		
2_EOTPosDepDmpTbX_HwDeg_u12p4[2][1]	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	230400		
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	14400		
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tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 2 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 255 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1118		
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tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_IhwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name LetDmpFw_Per1_EOTDisable_Cnt_Igc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_IhwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_IhwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name LetDmpFw_Per1_Vehicle_Speed_Kph_f32 Result EOTDmpFWMode_Cnt_M_u08	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
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tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32			
Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08 2 2	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum			
EOTDmpFWMode_Cnt_M_u08 2 2	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
	Name	Actual Value	Expected Value	Result
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value 8.80000019 8.8 ± 0.000488281 ✓	EOTDmpFWMode_Cnt_M_u08	2	2	~
	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	•

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



Test Case 3: Path Test

Specification

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Performance Metrics (With "None" Instrumentation and WithPS Environment)
CPU Cycles:
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1960.00 Cycles 1919.00 Cycles 1980.00 Cycles TS3.2 TS3.3 TS3.4 TS3.5 TS3.6 TS3.7 1974.00 Cycles 1958.00 Cycles 1958.00 Cycles 1883.00 Cycles TS3.8 1931.00 Cvcles 1931.00 Cycles 1926.00 Cycles 1926.00 Cycles 1982.00 Cycles 1836.00 Cycles 1801.00 Cycles 1827.00 Cycles TS3.9 TS3.10 TS3.11 TS3.12 TS3.13 TS3.14 1882.00 Cycles TS3.15

Description

Vector Description

TS3.1 ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC)T && (MECCounter_Cnt_T_enum != ProductionMode)T) =>TRUE TS3.2 ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode)) =>FALSE TS3.3 (Abs_f32_m(HandwheelPosition_HwDeg_T_f32) >= EOTDmpFWX0_HwDeg_T_f32)=>TRUE TS3.4 (Abs_f32_m(HandwheelPosition_HwDeg_T_f32) >= EOTDmpFWX0_HwDeg_T_f32)=>FALSE TS3.5 (HandwheelAuthority_Uls_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>TRUE TS3.6 (HandwheelAuthority_Uls_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>FALSE TS3.7 ((TRUE == EOTDmpFWActvRegion_Cnt_T_lgc) && (TRUE == EOTDmpFWHWAuth_Cnt_T_lgc))=>TRUE TS3.8 ((TRUE == EOTDmpFWActvRegion_Cnt_T_lgc) && (TRUE == EOTDmpFWHWAuth_Cnt_T_lgc))=>FALSE TS3.9 EOTDmpFWActLdd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UprBndActive_MtrNm_T_f32)=>TRUE TS3.10 EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, k_EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE

K_EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE

TS3.12 EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE

TS3.12 EOTDmpFWInactiveLim_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

D_MTRTRQCMDHILMT_MTRNM_F32)=>1RUE
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_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
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000





Name	Input Value		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	n_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Ul	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4	-4 ± 0.000488281	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
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_Inst_Ap_EtDmpFw	tgt Rte Inst Ap EtDmpFw
k EOTDmpFWInactiveLim MtrNm f32	7.9
k_EOTDynConf_Uls_u8p8	2816
k_MinRackTrvl_HwDeg_u12p4	4704
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-2816
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-2560
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-2304
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-2048
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-1792
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	256
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1024
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1280
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	256
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	608
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4096
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	9728
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	320
t2_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

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Name	Input Value		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	n_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Ul	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	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	~
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)	in the control of the
Name	Input Value
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
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

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

EtDmpFw_Per1

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0.126168191 ± 0.000488281

Input Value 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 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 50.2 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ 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

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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

0.126168191

Test Step 3.4 (Repeat Count = 1)	✓
Name	Input Value
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
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





Name	Input Value		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_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_Hw	Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0	0 ± 0.000488281	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
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_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
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





Name	Input Value		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	327.335121		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	125.2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	<u>f</u> 32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	•
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Name	Input Value
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
C EOTDmpFWInactiveLim MtrNm f32	3.077585042
EOTDynConf Uls u8p8	57088
MinRackTrvl HwDeg u12p4	14768
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	512
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	768
2 EOTDmpFWActiveBoundY MtrNm s7p8[0][2]	1024
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1280
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1536
2_EOTDmpFWActiveBoundY_MtrNm_s7p0[0][4] 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2048
2_EOTDITIPFWACtiveBoundY_MtrNm_s7p8[1][0] 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2304
2_EOTDINPT WACtiveBound 1_within_s/po[1][1] 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2560
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2816 3072
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	512
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	768
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1024
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1280
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1536
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2048
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2304
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2560
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2816
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3072
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1488
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2064
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	23808
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	33024
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	1440
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1520
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	1552
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	2464
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-15984
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-15824
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-2064
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1904
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1744
_EOTDmpFWVehSpd_Kph_u9p7[0]	8320
_EOTDmpFWVehSpd_Kph_u9p7[1]	11520
_EOTDmpFWVehSpd_Kph_u9p7[2]	14720
_EOTDmpFWVehSpd_Kph_u9p7[3]	17920
gt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.11969943
gt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	0
gt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1
gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1
gt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	491.524636
gt EtDmpFw Per1 MEC Counter Cnt enum.value	2

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Name	Input Value		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	200.1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNi	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_end	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	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	~
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)	land Value
Name	Input Value
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
C_EOTDmpFWInactiveLim_MtrNm_f32	3.575050282
c_EOTDynConf_Uls_u8p8	30208
«_MinRackTrvl_HwDeg_u12p4	11424
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1280
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1536
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1792
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2048
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2304
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2816
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3072
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3328
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3584
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3840
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1280
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1536
2 EOTDmpFWActiveBoundY MtrNm s7p8[2][2]	1792
2 EOTDmpFWActiveBoundY MtrNm s7p8[2][3]	2048
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2304
2 EOTDmpFWActiveBoundY MtrNm s7p8[3][0]	2816
2 EOTDmpFWActiveBoundY MtrNm s7p8[3][1]	3072
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3328
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3584
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3840
2 EOTPosDepDmpTbIX HwDeg u12p4[0][0]	2016
2 EOTPosDepDmpTblX HwDeg u12p4[0][1]	2688
2 EOTPosDepDmpTbIX HwDeg u12p4[1][0]	32256
2 EOTPosDepDmpTblX HwDeg u12p4[1][1]	43008
2_COTPOSDEPDINDTBIX_TWDeg_u12p4[1][1] 2_EOTPOSDEPDINDTBIX_TWDeg_u12p4[2][0]	1920
2_EOTPOSDepDmpTblX_HwDeg_u12p4[2][0] 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2000
_	2080
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3280
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-2304
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-2128
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-1952
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1776
_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1616
_EOTDmpFWVehSpd_Kph_u9p7[0]	10240
_EOTDmpFWVehSpd_Kph_u9p7[1]	13440
_EOTDmpFWVehSpd_Kph_u9p7[2]	16640
_EOTDmpFWVehSpd_Kph_u9p7[3]	19840
gt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.081390154
gt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-458.8477756
gt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1
gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1
gt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1488.033648
gt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0
gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	5.1
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32

EtDmpFw_Per1

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Name	Input Value		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn	n_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

T + 2(- 2.2 /D - + 2 - 4)	
Test Step 3.8 (Repeat Count = 1)	<u> </u>
Name	Input Value
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
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2080
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2160
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	2256
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3552
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376
t_EOTDmpFWVehSpd_Kph_u9p7[0]	10880
t_EOTDmpFWVehSpd_Kph_u9p7[1]	14080
t EOTDmpFWVehSpd Kph u9p7[2]	17280
t_EOTDmpFWVehSpd_Kph_u9p7[3]	20480
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-6.746804619
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1083.310996
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0
tgt EtDmpFw Per1 HandwheelAuthority Uls f32.value	0.5
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1569.851612
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2
tgt_EtDmpFw Per1 Vehicle Speed Kph f32.value	10.2
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEO1Damping_intrinii_is2 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEO1bamping_mtnnii_is2 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32
W. C.	(3/tompi m_i oi io i bampingeta_maram_ioz

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Name	Input Value		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_l	Jls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H	wDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	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 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
	-3072
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-3072 -1536
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1350 -1280
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1260
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-102 4 -768
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-512
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-312 -4096
	-3840
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-3584
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-3328
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-3072 3776
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	4768
	60416
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	76288
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3520 3600
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3840
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	6000
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-8400 -8000
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6000 -7600
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-7232
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6720 65400
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_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

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Name	Input Value		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_end	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	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_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw
	Igi_Rie_insi_Ap_ElDinprw 0
k_EOTDmpFWInactiveLim_MtrNm_f32	0
k_EOTDynConf_Uls_u8p8	8
k_MinRackTrvl_HwDeg_u12p4	
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 Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32	tgt EtDmpFw Per1 AssistEOTDamping MtrNm f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEO1Damping_MtrNm_132 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw Per1_CRFMtrVel_MtrRadpS_f32	1 - 1 - 1 - 1
· · · · · · · -	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

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Name	Input Value		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle	_Speed_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	1	1	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
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_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 1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1536		
t2_EOTDmpFWActiveBounid1_mtinin_s7po[3][0] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3072		
t2_EOTDIIpPWActiveBoulid1_Mithin[_s/po[3][4]] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1488		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	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 EOTPosDepDmpTbIX 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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_N	ftrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	lm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_l		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_er		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_t		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	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	~
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_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		
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_EOTPosDepDmpTbIX_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 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0		
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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	rNm f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 CRFMtrVel MtrRadpS f32	tgt_EtDmpFw Per1 CRFMtrVel MtrRadpS		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDampingLtd MtrNm f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	··· <u>-</u>	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	1	1	- Court
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	
-3	2.500000.0	<u>2</u> 0.000 .00 <u>2</u> 01	

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





Test Step 3.13 (Repeat Count = 1)			✓
Name	Input Value		
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		
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 65408		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[3] 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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	rNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt EtDmpFw Per1 CRFMtrVel MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt EtDmpFw Per1 EOTDisable Cnt Igc	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_UI	s f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
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	V
-0	50001	0.000 10020 1	

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





Test Step 3.14 (Repeat Count = 1) Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt Rte Inst Ap EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8		
k EOTDynConf Uls u8p8	58112		
k MinRackTrvl HwDeg u12p4	8192		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	512		
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_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	160 240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 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_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	U- 100	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv		
	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
	tet EtDeseEur Dord Valainta One and 16 to 6		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	The second secon	-
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name	Actual Value	Expected Value	Result
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value		The second secon	Resul

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



Test Step 3.15 (Repeat Count = 1)			✓	
Name	Input Value			
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw			
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8			
k_EOTDynConf_Uls_u8p8	58112			
k_MinRackTrvl_HwDeg_u12p4	8192			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	0			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	256			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	512			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	256			
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	512			
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_EOTPosDepDmpTbIX_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 -618.4260768			
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-618.4260768 0			
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1			
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	933.4763624			
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0			
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	0			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		trNm f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEO1Damping_within_is2 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_m	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDampingLtd MtrNm f32	tgt_EtDmpFw_Per1_CRF.mtrvei_mtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32			
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EO1DampingLtd_intrNm_132 tgt_EtDmpFw_Per1_EO1DampingLtd_intrNm_132			
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_f:			
Name	Actual Value	Expected Value	Result	
EOTDmpFWMode_Cnt_M_u08	0	0	- Count	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	-	
	2.000000.0	1.5 2 0.000 .00201		

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	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	Rte Call EtDmpEw Per1 CP1 CheckpointReached	1	_