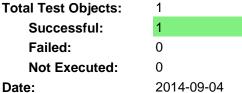
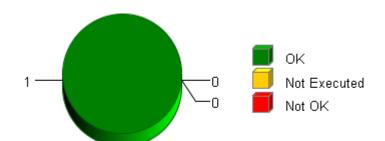


Summary

Overall Test Object Results (including Coverage)



Time: 2014-09-04 Time: 17:13:13+0530



Selected Project Items

Test Object "CBD_UnitTest/EtDmpFw/EtDmpFw_Per1"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

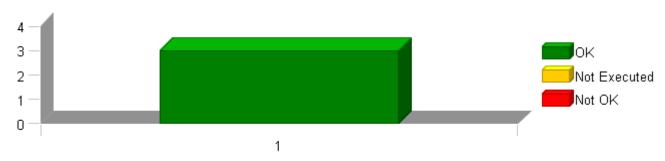
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

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

Decision Coverage, Multiple Condition Coverage

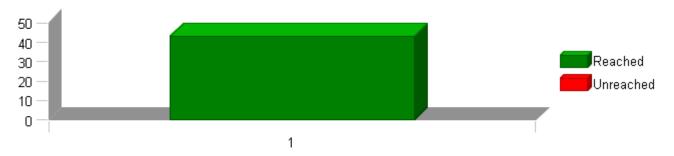
Test Case Results for Each Test Object (without Coverage)



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).

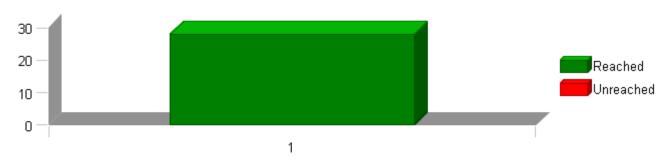


Statement (C0) Coverage: Total Statements for Each Test Object



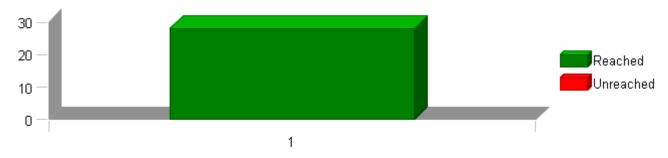
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

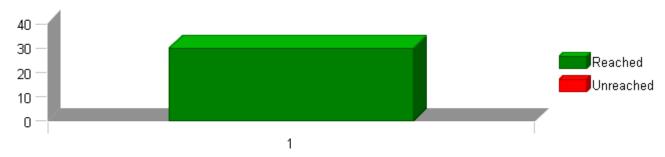


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



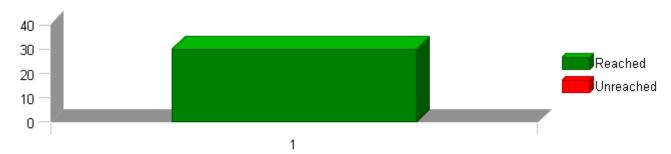
MC/DC Coverage: Total Condition Combinations for Each Test Object



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 Object List

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

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

No.	Name C0		C1	DC	MC/DC	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 -I\$ (PROJECTROOT)\EtDmpFw\utp\contract\Ap_EtDmpFw -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$ (Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -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	\$(PROJECTROOT)\UnitTestEnv\static build files\obj

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EtDmpFw_Per1



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



```
Test Case 1: Metrics Test
Specification
                              Performance Metrics (With "None" Instrumentation
                              and WithPS Environment)
                              CPU Cycles:
                                         1914.00 Cycles
2004.00 Cycles
                              TS1.2
Description
                             Vector Description
                             TS1.1 "Shortest Execution Path=>
                            EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UprBndActive_MtrNm_T_f32)=>TRUE EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32,
                                _EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE
                             (Abs_f32_m(HandwheelPosition_HwDeg_T_f32) >= EOTDmpFWX0_HwDeg_T_f32)=>TRUE (HandwheelAuthority_Uls_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>TRUE ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode))=>TRUE
                             TS1.2 "Longest Execution Path=>
                             EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UprBndActive_MtrNm_T_f32)=>FALSE EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, k_EOTDmpFWInactiveLim_MtrNm_f32)=>FALSE
                             (Abs_f32_m(HandwheelPosition_HwDeg_T_f32)>= EOTDmpFWX0_HwDeg_T_f32)=>FALSE (HandwheelAuthority_Uls_T_f32)=> FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T))=>FALSE ((EOTDisable_Cnt_T_lgc!= D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum!= ProductionMode))=>FALSE
```

Test Step 1.1 (Repeat Count = 1) Input Value Rte_Inst_Ap_EtDmpFw tgt_Rte_Inst_Ap_EtDmpFw k_EOTDmpFWInactiveLim_MtrNm_f32 5.225780821 k_EOTDynConf_Uls_u8p8 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 1536 t2 EOTDmpFWActiveBoundY MtrNm s7p8[1][1] 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 3328 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0] 1280 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1] 1536 1792 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2] 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 23040 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] $t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]$ 960 1040 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] $t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]$ 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

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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_EtDmpFw Per1 Vehicle Speed Kph f32.value	125.2		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 AssistEOTDamping MtrNm f32		rNm f22	
tqt Rte Inst Ap EtDmpFw.EtDmpFw Per1 CRFMtrVel MtrRadpS f32	- -		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDampingLtd MtrNm f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNi tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	11_132	
		le 622	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
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

 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32$

 $tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value$

EtDmpFw_Per1

Name

EOTDmpFWMode_Cnt_M_u08

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Result

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 $tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value$ 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 $tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ $tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32$ 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

T				✓
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	~

2.4000001

Actual Value

0

tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32

Expected Value

2.4 ± 0.000488281

0

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
1995.00 Cycles
1995.00 Cycles
1995.00 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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1280		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	6400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	288		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	1600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2000		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	3200		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	6400		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	9600		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	12800		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-8.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-618.4260768		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	933.4763624		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	0	taller 100	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	III_132	
tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	le f32	
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		Desuit
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0	0	
	-4	-4 ± 0.000488281	~

Τ				✓
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 2.2 (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	-

T				✓
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)			✓
Tell File Ap ElbmpFW 1g Re Inal Ap ElbmpFW 1g Re		Input Value		
R. EOTDMPPMCHEMBURY MixTM 152 0.18688191	Rte Inst Ap EtDmpFw	•		
K_EDTOMP/MarkeeBoard/, Minkm, 376(0) 00				
E. EOTIMPE/Machesboard/ Minhtm 75(8)(1) 1536 1280		29952		
1.280 1.024 1.02	k_MinRackTrvl_HwDeg_u12p4	13344		
12.60TDmpFWActweBoundy_Mirkm_s7p80[12] 1280 1024 1	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1536		
1024 2.FOTDmpFWActiveBoundy Minthm x78p0[12] 1024 2.FOTDmpFWActiveBoundy Minthm x78p0[14] 512 2.FOTDmpFWActiveBoundy Minthm x78p0[14] 512 2.FOTDmpFWActiveBoundy Minthm x78p0[17] 788 788 2.FOTDmpFWActiveBoundy Minthm x78p1[17] 788 78		-1280		
International Content		-1024		
2_EOTOmpFWActiveBoundY_Mnkm_s7p8[1]0 512 768 7		-768		
Z. EOTDmpFWActiveBoundY_MnNm_s7p8[1]2 1024 10	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-512		
	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	512		
12.EOTDmpFWActiveBoundY_Mirkm_s7p8[1]S 1256 1536 1536 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[2]S 1536 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[2]S 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[2]S 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[2]S 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[2]S 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[2]S 152 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[2]S 152 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[3]S 152 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[3]S 152 12.EOTDmpFWActiveBoundY_Mirkm_s7p8[3]S 12.EOTDmpFWActiveB	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	768		
P. EOTDmpFWActiveBoundY_MrkIm_s7p8[1] 4 1536 1538	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1024		
12.EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0] -1536 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2] -1024 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3] -768 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3] -768 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0] 512 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0] 152 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3] 1024 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3] 1280 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3] 1280 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3] 1280 12.EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3] 1280 12.EOTPosDepDmpTDIX_HwDeg_u12p4[0][0] 432 12.EOTPosDepDmpTDIX_HwDeg_u12p4[0][1] 816 12.EOTPosDepDmpTDIX_HwDeg_u12p4[1][1] 3056 12.EOTPosDepDmpTDIX_HwDeg_u12p4[2][1] 560 12.EOTPosDepDmpTDIX_HwDeg_u12p4[2][1] 560 12.EOTPosDepDmpTDIX_HwDeg_u12p4[3][1] 332 1.EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 496 1.EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 4000 1.EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 4000 1.EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 4800	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1280		
2.EOTDmpFWActiveBoundY_MtrNn_s7p8[2][1]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1536		
2.EOTDmpFWActiveBoundY_MtrNm_s7p8[2] 3 -768 -	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1536		
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2] 3 .768 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 0 .512 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 0 .768 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 1 .768 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 2 .1024 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 3 .1280 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 3 .1280 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 4 .1536 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 4 .1536 2_EOTPosDepDmpTbX_HwDeg_u12p4[0] 0 .432 2_EOTPosDepDmpTbX_HwDeg_u12p4[0] 1 .816 2_EOTPosDepDmpTbX_HwDeg_u12p4[1] 1 .13056 2_EOTPosDepDmpTbX_HwDeg_u12p4[2] 1 .13056 2_EOTPosDepDmpTbX_HwDeg_u12p4[2] 1 .560 2_EOTPosDepDmpTbX_HwDeg_u12p4[3] 1 .832 2_EOTPosDepDmpTbX_HwDeg_u12p4[3] 1 .830 2_EOTPosDepDmpTbX_HwDeg_u12p4[3] 1 .800 2_EOTPosDepDmpTbX_HwDeg_u12p4[3] 1 .800 2_EOTPosDepDmpTbX_HwDeg_u12p4[3] 1 .800 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] .400 2_EOTDmpFWActiveBoundX_MtrRadpS_s1	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-1280		
2. EOTTOmpFWActiveBoundY_MtrNm_s7p8[3][4] .512	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-1024		
Part	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-768		
2_EOTOmpFWActiveBoundY_MtrNm_s7p8[3][3] 1024 2_EOTOmpFWActiveBoundY_MtrNm_s7p8[3][3] 1280 2_EOTOmpFWActiveBoundY_MtrNm_s7p8[3][3] 1280 2_EOTOmpFWActiveBoundY_MtrNm_s7p8[3][3] 1280 2_EOTOmpFWActiveBoundY_MtrNm_s7p8[3][4] 1536 2_EOTPosDepDmpTbIX_HWDeg_u12p4[0][0] 432 2_EOTPosDepDmpTbIX_HWDeg_u12p4[1][0] 816 2_EOTPosDepDmpTbIX_HWDeg_u12p4[1][0] 816 2_EOTPosDepDmpTbIX_HWDeg_u12p4[1][1] 13056 2_EOTPosDepDmpTbIX_HWDeg_u12p4[2][0] 480 2_EOTPosDepDmpTbIX_HWDeg_u12p4[2][0] 480 2_EOTPosDepDmpTbIX_HWDeg_u12p4[2][1] 560 2_EOTPosDepDmpTbIX_HWDeg_u12p4[2][1] 832 2_EOTPosDepDmpTbIX_HWDeg_u12p4[3][0] 496 2_EOTPosDepDmpTbIX_HWDeg_u12p4[3][0] 496 2_EOTPosDepDmpTbIX_HWDeg_u12p4[3][0] 480 2_EOTPosDepDmpTbIX_HWDeg_u12p4[3][0] 480 2_EOTPosDepDmpTbIX_HWDeg_u12p4[3][0] 480 2_EOTPosDepDmpTbIX_HWDeg_u12p4[3][0] 480 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 4400 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 4800 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 4800 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 5200 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 580 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 4800 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 680 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-512		
Page	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	512		
Part	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	768		
Page	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1024		
Page	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1280		
Page	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1536		
12_EOTPosDepDmpTblX_HwDeg_ut2p4[1][0] 6912 2_EOTPosDepDmpTblX_HwDeg_ut2p4[1][1] 13056 2_EOTPosDepDmpTblX_HwDeg_ut2p4[2][1] 560 2_EOTPosDepDmpTblX_HwDeg_ut2p4[2][1] 560 2_EOTPosDepDmpTblX_HwDeg_ut2p4[3][0] 496 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	432		
13056	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	816		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 480 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 560 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 496 t2_EOTPosDepDmpTbIX_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_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32_value 2.1 tgt_EIDmpFw_Per1_EOTDisable_Cnt_igs_value 0 tgt_EIDmpFw_Per1_HandwheelAuthority_Uls_f32_value 0.178307056 tgt_EIDmpFw_Per1_HandwheelAuthority_Uls_f32_value 942.1494973 tgt_EIDmpFw_Per1_MeC_Counter_Cnt_enum.value 1 tgt_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EIDmpFw_Per1_Ap_EIDmpFw_Per1_CRTMprve_Per1_CRTDamping_thix tgt_EIDmpFw_Per1_CRTDmping_thix <td>t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]</td> <td>6912</td> <td></td> <td></td>	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	6912		
tZ_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 560 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 496 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 832 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_EOTDmpFWebspd_Kph_u9p7[0] 4480 t_EOTDmpFWebspd_Kph_u9p7[1] 7680 t_EOTDmpFWebspd_Kph_u9p7[2] 10880 t_EOTDmpFWebspd_Kph_u9p7[3] 14080 t_EOTDmpFWebspd_Kph_u9p7[3] 14080 t_EOTDmpFW_Per1_AssistEOTDamping_MtrNm_f32.value 2.1 tgt_EtDmpFw_Per1_ScistEOTDamping_MtrNm_f32.value 556.4676778 tgt_EtDmpFw_Per1_HandwheelAuthority_Us_f32.value 0 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 942.1494973 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 942.1494973 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AspectDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Ell_inst_Ap_EtDmpFw_EtDmpFw_Per1_COTDamping_td_MtrNm_f	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	13056		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 496 t2_EOTPosDepDmpTbIX_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_EOTDmpFWdeNspd_Kph_u9p7[0] 4480 t_EOTDmpFWVenSpd_Kph_u9p7[1] 7680 t_EOTDmpFWVenSpd_Kph_u9p7[2] 10880 t_EOTDmpFWVenSpd_Kph_u9p7[3] 14080 tg_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32_value 2.1 tg_EIDmpFw_Per1_EOTDisable_Cnt_lgc.value 556.4676778 tg_EIDmpFw_Per1_HandwheelAuthority_Uls_f32_value 0.178307056 tg_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32_value 942.1494973 tg_EIDmpFw_Per1_MEC_Counter_Cnt_enum.value 1 tg_EIDmpFw_Per1_MEC_Counter_Cnt_enum.value 50.2 tg_Rte_Inst_Ap_EIDmpFw_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tg_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tg_Rte_Inst_Ap_EIDmpFw_EIDmpFw_Per1_EOTDamping_td_MtrNm_f32 tg_EIDmpFw_Per1_CoTDamping_td_MtrNm_f32 tg_EIDmpFw_Per1_CoTDamping_td_MtrNm_f32	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	480		
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_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 5200 t_EOTDmpFWVehSpd_Kph_u9p7[0] 4480 t_EOTDmpFWVehSpd_Kph_u9p7[2] 10880 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_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_MEC_Counter_Cnt_enum_value 1 tgt_EtDmpFw_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EDTDmpFw_Per1	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	560		
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_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 5200 t_EOTDmpFWVehSpd_Kph_u9p7[0] 4480 t_EOTDmpFWVehSpd_Kph_u9p7[1] 7680 t_EOTDmpFWVehSpd_Kph_u9p7[3] 10880 t_EOTDmpFWVehSpd_Kph_u9p7[3] 14080 tg_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value 2.1 tg_ElDmpFw_Per1_EOTDisable_Cnt_lgc.value 556.4676778 tg_ElDmpFw_Per1_EOTDisable_Cnt_lgc.value 0 tg_ElDmpFw_Per1_HandwheelAuthority_Uls_f32.value 0.178307056 tg_ElDmpFw_Per1_HandwheelAuthority_Uls_f32.value 942.1494973 tg_ElDmpFw_Per1_MEC_Counter_Cnt_enum.value 1 tg_ElDmpFw_Per1_Vehicle_Speed_Kph_f32.value 50.2 tgLEIDmpFw_ElDmpFw_ElDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgLEIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgLEIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tg_Re_Inst_Ap_ElDmpFw_ElDmpFw_Per1_EOTDampingLtd_MtrRadpS_f32 tgLEIDmpFw_Per1_CFTDTWel_MtrRadpS_f32	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	496		
LEOTDmpFWActiveBoundX_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_usp7{0} 4480 t_EOTDmpFWVehSpd_Kph_usp7{1} 7680 t_EOTDmpFWVehSpd_Kph_usp7{2} 10880 t_EOTDmpFWVehSpd_Kph_usp7{3} 14080 tg_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 value 2.1 tg_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value 556.4676778 tg_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 0 tg_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 0.178307056 tg_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 942.1494973 tg_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 1 tg_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 50.2 tg_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tg_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tg_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tg_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tg_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tg_EtDmpFw_Per1_EOTDisable_Cnt_lgc tg_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tg_E	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	832		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	3600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	4000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4l4] 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_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_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	4400		
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 0.178307056 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 942.1494973 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 942.1494973 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 10 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_EtDmpFw_Per1_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	4800		
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 0.178307056 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 942.1494973 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 942.1494973 tgt_EtDmpFw_Per1_WEC_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_MtrNm_f32 tgt_EtDmpFw_Per1_Asp_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_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	5200		
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_MtrNm_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_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_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	t_EOTDmpFWVehSpd_Kph_u9p7[0]	4480		
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_MtrNm_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_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_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	t_EOTDmpFWVehSpd_Kph_u9p7[1]	7680		
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_MtrNm_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32	t_EOTDmpFWVehSpd_Kph_u9p7[2]	10880		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 942.1494973 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.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_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.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_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value g42.1494973 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_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_EtDmpFw_Per1_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_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 50.2 tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_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_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32				
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32			m_f32	
tgt_kte_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_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32				
			· ·	Result
EOTDmpFWMode_Cnt_M_u08 0		· ·	-	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value 0.126168191 0.126168191 0.126168191	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0.126168191	0.126168191 ± 0.000488281	~

Τ				✓
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 2.4 (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_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	9728		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	16384		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1104		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	5200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	5600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	6000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	6400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	6800		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5120		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8320		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	14720		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	0		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-96.87578166		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.368849635		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-52.3538835		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	75.1		
tgt_Rte_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		
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_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f	32	
Name	Actual Value	Expected Value	Result
	0	0	
EOTDmpFWMode_Cnt_M_u08	U	O	

Τ				✓
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 2.5 (Repeat Count = 1)	Innut Value		
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		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2048		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	784		
t2_EOTPosDepDmpTblX_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 HwDeq f32.value	-938.9980989		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Webcle_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_AssisteOTDamping_mtrNm_is2 tgt_Rte_inst_Ap_etDmpFw.etDmpFw Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEO1Damping_M	_	
		_	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	III_10Z	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc		llo #22	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_UIs_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_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	-2.20000005	-2.2 ± 0.000488281	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	✓
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	_





Test Step 2.6 (Repeat Count = 1)			~
Name	Input Value		
Rte_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		
		I	
Name	Actual Value	Expected Value	Result
	Actual Value 2 8.80000019	Expected Value 2 8.8 ± 0.000488281	Result

Τ				✓
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 2.7 (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_MinRackTrvl_HwDeg_u12p4	14624		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1792		
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		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	14208		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	15616		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17024		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17840		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	7040		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	10240		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	13440		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16640		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.992977977		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1118		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.305199623		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1309.32124		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	150.5	had been \$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_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	Dogult
	0	0	Result
EOTDmpFWMode_Cnt_M_u08	-0.288146198	· ·	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-0.200140130	-0.288146198 ± 0.000488281	

T				✓
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)			✓
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_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	1280		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1376		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	2192		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	960		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	1360		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	1760		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	2160		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	2400		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	7680		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	10880		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14080		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17280		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-5.554596221		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	110.3		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.840222716		
tgt_EtDmpFw_Per1_nandwneetAuthority_Ois_is2.value	1425.843047		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	175.3		
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_AssistEOTDamping_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_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		
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	-5.55459642	-5.554596221 ± 0.000488281	9
	2.00.000.2	2.00.00022120.000700201	

Τ				✓
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			

T				✓
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 2.10 (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]	12160		
t_EOTDInipFWVenSpd_Kph_u9p7[1]	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	

T				✓
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) Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt Rte Inst Ap EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	2.852310026		
k EOTDynConf Uls u8p8	26880		
k MinRackTrvI 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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	2480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	29440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	39680		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1904		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3008		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	14400 15984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	16016		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17568		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17792		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	9600		
t EOTDmpFWVehSpd Kph u9p7[1]	12800		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	16000		
t EOTDmpFWVehSpd Kph u9p7[3]	19200		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.492912889		
tgt EtDmpFw Per1 CRFMtrVel MtrRadpS f32.value	-1086.187328		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	518.819311		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	250		
tgt_Rte_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	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	Resul
EOTDmpFWMode_Cnt_M_u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2.49291301	-2.492912889 ± 0.000488281	•

T				✓
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 2.12 (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_EOTDInpFWActiveBoundX_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	

Τ				✓
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 2.13 (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_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 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	

T				✓
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 2.14 (Repeat Count = 1)			✓
Name	Input Value		
Rte Inst Ap EtDmpFw	tgt Rte Inst Ap EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	3.46907239		
k_EOTDynConf_Uls_u8p8	16384		
k_MinRackTrvl_HwDeg_u12p4	17728		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-1024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	2368		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3104		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	37888		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	49664		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2432		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3824		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5792		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5168		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	6400		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	9600		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12800		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16000		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-6.758863366		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	584.9898939		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.117982984		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1600		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	5.1	Auhlus 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 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	
	1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt_Rte_inst_Ap_etDmpFw.etDmpFw_Peri_MeC_Counter_Cnt_enum tgt_Rte_inst_Ap_etDmpFw.etDmpFw_Peri_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f: Actual Value	The second secon	Parelt
Name		Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.46907234	-3.46907239 ± 0.000488281	

T				✓
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 2.15 (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	100 mg 100	
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	

Τ				✓
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 2.16 (Repeat Count = 1)			V
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_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3520		
t2_EOTPosDepDmpTblX_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	W. N	
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	IIII_I32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	lle f32	
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_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f	The second secon	Б
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	V
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.38086188	-1.380861843 ± 0.000488281	_

T				✓
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 2.17 (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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	2896		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	3728		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	46336		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	59648		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	2720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2800		
t2_EOTPosDepDmpTbIX_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 -10432		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-10432 -9968		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] t_EOTDmpFWVehSpd_Kph_u9p7[0]	13440		
t EOTDmpFWVehSpd Kph u9p7[1]	16640		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	19840		
t EOTDmpFWVehSpd Kph u9p7[3]	23040		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	1.5978127		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-518.3859834		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt EtDmpFw Per1 HandwheelPosition HwDeg f32.value	0		
tgt EtDmpFw Per1 MEC Counter Cnt enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	35.4		
tgt_Rte_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_MtrNi		
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	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	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	1.59781265	1.5978127 ± 0.000488281	✓
,			

Τ				✓
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 2.18 (Repeat Count = 1)			V
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt Rte Inst Ap EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	2.628083515		
k_EOTDynConf_Uls_u8p8	41216		
k MinRackTrvl HwDeg u12p4	15536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-768		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][2]	-512		
t2 EOTDmpFWActiveBoundY MtrNm s7p8[3][3]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	3072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3936		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	49152		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	62976		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	2880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3136		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4912		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3184		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-2400		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	14080		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	17280		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	20480		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	23680		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.016299307		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	18.76857591		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1575.5		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	45.2		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	lls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.01629925	-3.016299307 ± 0.000488281	v
0_			

T				✓
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 2.19 (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 -10656		
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[1]	-9760		
t_EOTDmpFWActiveRoundX_MtrRadpS_s11p4[2]	-9760 -8880		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6800		
t_EOTDINPFWActiveBoulidX_MitradpS_s11p4[4]	14720		
t EOTDmpFWVehSpd Kph u9p7[1]	17920		
t_EOTDINPI WVenSpd_Kph_u9p7[1]	21120		
t EOTDmpFWVehSpd Kph u9p7[3]	24320		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-3.302198148		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	657.2757842		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.659250736		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1111		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	55.1		
tgt_Rte_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	-3.30219817	-3.302198148 ± 0.000488281	•
0_ ,			

Τ				✓
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 2.20 (Repeat Count = 1)	Innut Value		
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32 k_EOTDynConf_Uls_u8p8	5.653158593 46592		
_ ,	23042		
k_MinRackTrvI_HwDeg_u12p4 t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-2048		
	-1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-1792		
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_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	3200		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3488		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5456		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	15360		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	18560		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	21760		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	24960		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	6.227702963		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	800.0290006		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1425.06971		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	65.2		
tgt_Rte_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	11_132	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	lo 122	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_UIs_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_enut tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32		The state of the s	Dog. N
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	5.65315866	5.653158593 ± 0.000488281	

Τ				✓
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	2.21 (Repeat Count = 1)	√
Tel. Int. Ap. ElDmpFW Up. Res Int. Ap. ElDmpFW Recommendation Int. I		'alue
K_EOTDmpCord_Uls_uB88 k_MinRackirU_Hw0bg_u12p4 21237 2_EOTDmpFWActweBoundy_Minton_s7p8[0][0] 1-792 2_EOTDmpFWActweBoundy_Minton_s7p8[0][1] 1-536 2_EOTDmpFWActweBoundy_Minton_s7p8[0][1] 1-536 2_EOTDmpFWActweBoundy_Minton_s7p8[0][2] 1-280 2_EOTDmpFWActweBoundy_Minton_s7p8[0][3] 1-224 2_EOTDmpFWActweBoundy_Minton_s7p8[0][3] 1-224 2_EOTDmpFWActweBoundy_Minton_s7p8[1][1] 0 2_EOTDmpFWActweBoundy_Minton_s7p8[1][1] 0 2_EOTDmpFWActweBoundy_Minton_s7p8[1][1] 0 2_EOTDmpFWActweBoundy_Minton_s7p8[1][2] 2-256 2_EOTDmpFWActweBoundy_Minton_s7p8[1][3] 5-12 2_EOTDmpFWActweBoundy_Minton_s7p8[1][4] 768 2_EOTDmpFWActweBoundy_Minton_s7p8[2][4] 1-536 2_EOTDmpFWActweBoundy_Minton_s7p8[2][4] 1-536 2_EOTDmpFWActweBoundy_Minton_s7p8[2][4] 1-536 2_EOTDmpFWActweBoundy_Minton_s7p8[2][3] 1-1024 2_EOTDmpFWActweBoundy_Minton_s7p8[2][3] 1-1024 2_EOTDmpFWActweBoundy_Minton_s7p8[2][3] 1-1024 2_EOTDmpFWActweBoundy_Minton_s7p8[2][3] 1-1024 2_EOTDmpFWActweBoundy_Minton_s7p8[2][3] 1-1024 2_EOTDmpFWActweBoundy_Minton_s7p8[2][3] 1-1024 2_EOTDmpFWActweBoundy_Minton_s7p8[3][3] 1-1024	·	
K_EOTDynConf_Uls_usp8		
Z. EOTDmpFWActiveBoundY_Minthm_s7p8(0) 0 -1536 -1528 -1		
1536 1536	HwDeg_u12p4 21237	
1536 1536	ActiveBoundY_MtrNm_s7p8[0][0] -1792	
ILECTOMPFWActiveBoundY_MrNm_s7p8(I) 1		
12_EOTDmpFWActiveBoundY_MtrNm_s7p8[1]0 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1]0 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1]0 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1]12 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1]13 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1]13 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1]14 788 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1]14 788 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2]0 1_1792 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2]0 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2]11 1_EOTDmpFWActiveBoundY_MtrNm_s7p8[2]12 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2]13 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2]14 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2]14 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2]15 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]10 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]10 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]11 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]13 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]14 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]14 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]14 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]14 3_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]14 3_EOTDmpFWA	ActiveBoundY_MtrNm_s7p8[0][2] -1280	
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1] 0 256	ActiveBoundY_MtrNm_s7p8[0][3] -1024	
2_EOTOmpFWActiveBoundY_MirNm_s7p8[1] 1 0 256 2	ActiveBoundY_MtrNm_s7p8[0][4] -768	
Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[1] 2 256 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[1] 3 512 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[1] 4 768 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[2] 1 -1792 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[2] 1 -1536 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[2] 2 -1280 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[2] 2 -1280 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[2] 3 -1024 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[2] 3 -1024 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 0 -256 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 0 -256 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 1 0 -256 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 2 -256 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 3 -512 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 4 -768 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 4 -768 Z_EOTDmpFWActiveBoundY_MtrNm_s7p8[3] 4 -768 Z_EOTPosDepDmpTbX_HwDeg_u12p4[0] 1 -4560 Z_EOTPosDepDmpTbX_HwDeg_u12p4[1] 1 -72960 Z_EOTPosDepDmpTbX_HwDeg_u12p4[3] 0 -728 Z_EOTPosDepDmpTbX_HwDeg_u12p4[3] 0 -728 Z_EOTPosDepDmpTbX_HwDeg_u12p4[3] 0 -728 Z_EOTPosDepDmpTbX_HwDeg_u12p4[3] 1 -72960 Z_EOTPosDepDmpTbX_HwDeg_u12p4[3] 0 -728 Z_EOTPosDepDmpTbX_HwD	ActiveBoundY_MtrNm_s7p8[1][0] -256	
12_EOTDmpFWActiveBoundY_Mirkm_s7p8[1] 3 768 12_EOTDmpFWActiveBoundY_Mirkm_s7p8[2] 0 -1792 12_EOTDmpFWActiveBoundY_Mirkm_s7p8[2] 0 -1792 12_EOTDmpFWActiveBoundY_Mirkm_s7p8[2] 1 -1536 12_EOTDmpFWActiveBoundY_Mirkm_s7p8[2] 2 -1680 12_EOTDmpFWActiveBoundY_Mirkm_s7p8[2] 3 -1024 12_EOTDmpFWActiveBoundY_Mirkm_s7p8[2] 3 -768 12_EOTDmpFWActiveBoundY_Mirkm_s7p8[2] 4 -768 12_EOTDmpFWActiveBoundY_Mirkm_s7p8[3] 0 -266 12_EOTDmpFWActiveBoundY_Mirkm_s7p8[3] 1 0	ActiveBoundY_MtrNm_s7p8[1][1] 0	
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4] 768 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1] -1792 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1] -1536 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3] -1280 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3] -1024 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4] -768 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4] -768 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1] 0 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1] 0 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2] 256 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3] 512 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3] 512 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4] 768 2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4] 768 2_EOTPosDepDmpTbX_HwDeg_u12p4[0][0] 3600 2_EOTPosDepDmpTbX_HwDeg_u12p4[0][1] 4560 2_EOTPosDepDmpTbX_HwDeg_u12p4[1][0] 57600 2_EOTPosDepDmpTbX_HwDeg_u12p4[1][1] 72960 2_EOTPosDepDmpTbX_HwDeg_u12p4[2][1] 3440 2_EOTPosDepDmpTbX_HwDeg_u12p4[3][0] 3664 2_EOTPosDepDmpTbX_HwDeg_u12p4[3][0] 3664 2_EOTPosDepDmpTbX_HwDeg_u12p4[3][0] 3664 2_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 400 LEOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 400 LEOTDmpFW	ActiveBoundY_MtrNm_s7p8[1][2] 256	
2, EOTOmpFWActiveBoundY_MtrNm_s7p8[2][1] -1536 12, EOTOmpFWActiveBoundY_MtrNm_s7p8[2][2] -1280 2, EOTOmpFWActiveBoundY_MtrNm_s7p8[2][3] -1024 2, EOTOmpFWActiveBoundY_MtrNm_s7p8[2][4] -768 2, EOTOmpFWActiveBoundY_MtrNm_s7p8[3][0] -256 2, EOTOmpFWActiveBoundY_MtrNm_s7p8[3][1] 0 2, EOTOmpFWActiveBoundY_MtrNm_s7p8[3][2] 256 2, EOTOmpFWActiveBoundY_MtrNm_s7p8[3][3] 512 2, EOTOmpFWActiveBoundY_MtrNm_s7p8[3][3] 512 2, EOTOmpFWActiveBoundY_MtrNm_s7p8[3][3] 512 2, EOTOmpFWActiveBoundY_MtrNm_s7p8[3][3] 512 2, EOTPosDepDmpTbLX_HwDeg_u12p4[0][0] 3600 2, EOTPosDepDmpTbLX_HwDeg_u12p4[1][1] 4560 2, EOTPosDepDmpTbLX_HwDeg_u12p4[1][1] 72860 2, EOTPosDepDmpTbLX_HwDeg_u12p4[2][0] 3360 2, EOTPosDepDmpTbLX_HwDeg_u12p4[3][0] 3460 2, EOTPosDepDmpTbLX_HwDeg_u12p4[3][0] 3464 2, EOTPosDepDmpTbLX_HwDeg_u12p4[3][0] 3464 2, EOTPosDepDmpTbLX_HwDeg_u12p4[3][0] 400 2, EOTPosDepDmpTbLX_HwDeg_u12p4[3][0] 400 2, EOTPosDepDmpTbLX_HwDeg_u12p4[3][0] 400	ActiveBoundY_MtrNm_s7p8[1][3] 512	
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tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.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_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDambingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 206.3456711 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 75.3 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDambingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		414
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 206.3456711 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 2tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 75.3 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	_ : 0	
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value 206.3456711 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 2 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 75.3 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		· ·
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 2 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDambingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 75.3 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc		6711
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 75.3 tgt_Rte_Inst_Ap_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw.Per1_EOTDisable_Cnt_Igc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc		npFw Per1 AssistEOTDamping MtrNm f32
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_tte_nist_Ap_ctbmpi w.ctbmpi w_ren_nandwieeiAdthonty_ois_isz tgt_ttbmpi w_ren_nandwieeiAdthonty_ois_isz	_ , ,	npFw_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	Actual	Value Expected Value Result
EOTDmpFWMode_Cnt_M_u08 2 2	de_Cnt_M_u08 2	
		-3.04111414 ± 0.000488281 ✓

Τ				✓
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 2.22 (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_EOTDampingLtd_MtrNiii_132 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	_

T				✓
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	

Τ				✓
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 2.24 (Repeat Count = 1)	Immust Value		
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	7.938577724		
k_EOTDynConf_Uls_u8p8	62464		
k_MinRackTrvI_HwDeg_u12p4	21232		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	-1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	-1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	-1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	-768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	-512		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4128		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5184		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	66048		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	82944		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4192		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	6544		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5664		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5136		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	17920		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	21120		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	24320		
t EOTDmpFWVehSpd Kph u9p7[3]	27520		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	6.850553811		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-953.868955		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	32.66184187		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	105		
tgt_Etbffiprw_Perr_verlide_Speed_kprr_isz.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Perr1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mt	trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_intrinin_isz tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssistEO1Damping_wit		
	0	-	
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_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	le f32	
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_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	02	
			1_
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name	Actual Value	Expected Value	Result
	Actual Value 0 6.85055399	0 6.850553811 ± 0.000488281	Result

T				✓
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	-





18	Test Step 2.25 (Repeat Count = 1)			✓	
Signate_Ap_ElompFw	Name	Input Value			
COTOMP/AMURA USA 98 250	Rte Inst Ap EtDmpFw	•			
Ministration Horbeg U1224 17782 2.50 Tomps	k_EOTDmpFWInactiveLim_MtrNm_f32	0			
2, COTTOMPS WARRING BOARDY MARKIN _ 178(10) 768 2, COTTOMPS WARRING BOARDY MARKING _ 178(10) 2, COTTOMPS WARRING BOARDY MARKING _ 178(11) 3, 12, COTTOMPS WARRING BOARDY MARKING _ 178(11) 3, 22, COTTOMPS WARRING BOARDY MARKING _ 178(11) 3,	k_EOTDynConf_Uls_u8p8	2560			
2. EOTIORP/WAREBOARDY, MININE, 978(9)(3)	k_MinRackTrvl_HwDeg_u12p4	17792			
2. EOTIMPPR/Machellourity / Mrhm. p768(0)(1) 256 257	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-768			
2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 286 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 256 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 256 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 266 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 266 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 788 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 266 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 362 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 362 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 362 2 EOTIOMPRIVACINEBOURY J.Winh. 978(9)(9) 490 2 EOTIOMPRIVACINEBOUR	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-512			
2. EOTDmpPWcteboundry Minhm, s798(1)4) 256 2. EOTDmpPWcteboundry Minhm, s798(1)19 0 2. EOTDmpPWcteboundry Minhm, s798(1)19 0 2. EOTDmpPWcteboundry Minhm, s798(1)19 512 2. EOTDmpPWcteboundry Minhm, s798(1)19 512 2. EOTDmpPWcteboundry Minhm, s798(1)19 788 2. EOTDmpPWcteboundry Minhm, s798(1)19 788 2. EOTDmpPWcteboundry Minhm, s798(1)21 788 2. EOTDmpPWcteboundry Minhm, s798(2)21 512 2. EOTDmpPWcteboundry Minhm, s798(2)31 512 2. EOTDmpPWcteboundry Minhm, s798(2)31 512 2. EOTDmpPWcteboundry Minhm, s798(2)31 0 2. EOTDmpPWcteboundry Minhm, s798(3)31 2 2. EOTDmpPWcteboundry Minhm, s798(3)31 512 2. EOTDmpPWcteboundry Minhm, s89(3)31 512 2. EOTDmpPW	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-256			
2. EOTIORPIWACHNEOLOUTY, Mirth. 378(1)(1) 2. EOTIORPIWACHNEOLOUTY, Mirth	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	0			
2. EOTIOPPEWCHERbuard / Minhs a 796 (191) 2. EOTIOPPEWCHERbuard / M	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	256			
2_GOTDepfWcHeboundY_Minths7p8[1]3	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-256			
2 EOTIOPPWACENBOUNTY MINTH 1978[1]3] 2 EOTIOPPWACENBOUNTY MINTH 1978[2]0] 2 EOTIOPPWACENBOUNTY MINTH 1978[2]1] 2 EOTIOPPWACENBOUNTY MINTH 1978[3]1] 3 EOTIOPPWACENBOUNTY MINTH 1978[3]1] 3 EOTIOPPWACENBOUNTY MINTH 1978[3]1] 4 EOTIOPPWACENBOUNTY MINTH 1978[3]3] 5 EOTIOPPWACENBOUNTY MINTH 1978[3]3] 5 EOTIOPPWACENBOUNTY MINTH 1978[3]3] 5 EOTIOPPWACENBOUNTY MINTH 1978[3]3] 5 EOTIOPPWACENBOUNTY MINTH 1978[3]3] 6 EOTIOPPWACENBOUNTY MINTH 1978[3]3]3 6 EOTIOPPWACENBOUNTY MINTH 1978[3]3]3 6 EOTIOPPWACENBOUNTY MINTH 1978[3]3]3 6 EOTIOPPWACENBOUNTY MINTH 1978[3]3]3 6 EOTIOPPWACENBOUNTY MINTH 1978[3]3 6 EOTIOPPWACENBOUNTY M	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	0			
2_EOTIOnspPWActiveBoundY_Mirkm_s7p8[2][0]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	256			
2_EOTDmpFWActiveBoundY_MinNm_s7p8(2)[0]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	512			
2. EOTDnpFWAcheBoundY_MinNm_s7p8[2][1] 512 2. EOTDnpFWAcheBoundY_MinNm_s7p8[2][3] 0 2. EOTDnpFWAcheBoundY_MinNm_s7p8[2][3] 0 2. EOTDnpFWAcheBoundY_MinNm_s7p8[2][4] 256 2. EOTDnpFWAcheBoundY_MinNm_s7p8[2][5] 0 2. EOTDnpFWAcheBoundY_MinNm_s7p8[3][6] 0 2. EOTDnpFWAcheBoundY_MinNm_s7p8[3][6] 0 2. EOTDnpFWAcheBoundY_MinNm_s7p8[3][6] 0 2. EOTDnpFWAcheBoundY_MinNm_s7p8[3][6] 256 2. EOTDnpFWAcheBoundY_MinNm_s7p8[3][6] 3 2. EOTDnpFWAcheBoundY_MinNm_s7p8[3][6] 3 2. EOTDnpFWAcheBoundY_MinNm_s7p8[3][6] 3 2. EOTDnpFWAcheBoundY_MinNm_s7p8[3][6] 4304 2. EOTPosDppDnpTbX_HwDeg_u12p4[6][6] 4304 2. EOTPosDppDnpTbX_HwDeg_u12p4[6][7] 5392 2. EOTPosDppDnpTbX_HwDeg_u12p4[6][7] 5882 2. EOTPosDppDnpTbX_HwDeg_u12p4[6][7] 4000 2. EOTPosDppDnpTbX_HwDeg_u12p4[6][7] 4882 2. EOTDnpFWAcheBoundX_MinRadpS_s11p4[7] 4882 2. EOTDnpFWAcheBoundX_MinRadpS_s11p4[7] 4882 2. EOTDnpFWAcheBoundX_MinRadpS_s11p4[8] 4882 2. EOTDnpFWAcheBoundX_MinRad	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	768			
2_EOTDmpFWActiveBoundY_MinNm_s7p8[2][2]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-768			
2_EOTIOmpFWActiveBoundY_MrNm_s7p8[2][3]					
2_EOTOmpFWActiveBoundY_Minhm_s7p8[3][0]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]				
2_EOTIOmpFWActiveBoundY_Minthm_s7p8[3]0]					
2_EOTOmpFWActiveBoundY_MinYm_s7p8[3][1]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]				
2_EOTOmpFWActiveBoundY_MrNm_37p8[3][2]	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]				
2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3]]3					
2_EOTOmpFWActiveBoundY_MtrNm_s7p8[3] 4]					
2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]					
2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]					
2_EOTPosDepDmpTbIX_HwDeg_u1zp4[1][0]					
2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]					
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]					
2_EOTPosDepDmpTbX_HwDeg_u12p4[3][0]					
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]					
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]					
EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]					
EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]					
EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]					
EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]					
EOTDmpFWVehSpd_Kph_u9p7[0]					
_EOTDmpFWVehSpd_Kph_u9p7[1]					
_EOTDmpFWVehSpd_Kph_u9p7[3]	t EOTDmpFWVehSpd Kph u9p7[1]	21760			
gt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value gt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value gt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value gt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value gt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value gt_EtDmpFw_Per1_WEC_Counter_Cnt_enum.value gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDisable_Cnt_lgc gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resi	t_EOTDmpFWVehSpd_Kph_u9p7[2]	24960			
gt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	t_EOTDmpFWVehSpd_Kph_u9p7[3]	28160			
gt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 0 gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value 747.9676644 gt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value 1 gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 115.1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum 1 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 1 st_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 1 st_EtDmpFw_Per1_Vehicl	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-1.181492853			
gt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value gt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value gt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_WEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resi	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-108.2702412			
gt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value gt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_EtDmpFw_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_WEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resi	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0			
gt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_WEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resi	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.325884104			
gt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name 115.1 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_BoTDisable_Cnt_Igc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resi	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	747.9676644			
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_COTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_COTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDamping_Ltd_MtrNm	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	1			
gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 gt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resign	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	115.1			
tgt_etDmpFw_etDmpFw_etDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_etDmpFw.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_EOTDisable_Cnt_lgc tgt_etDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_etDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_etDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_etDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_etDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_etDmpFw_Per1_MEC_Counter_Cnt_enum tgt_etDmpFw_Per1_MEC_Counter_Cnt_enum tgt_etDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resi EOTDmpFWMode_Cnt_M_u08	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		
tgt_etDmpFw_etDmpFw_etDmpFw_Per1_EOTDisable_Cnt_lgc gt_Rte_Inst_Ap_etDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_etDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_etDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_etDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_etDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resi EOTDmpFWMode_Cnt_M_u08	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32				
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resi ECTDmpFWMode_Cnt_M_u08	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32				
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Resi EOTDmpFWMode_Cnt_M_u08	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc				
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Value EXPECTED Value EXPECTED Value O O O O O O O O O O O O O					
gt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	1			
Name Actual Value Expected Value Resignment	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum				
EOTDmpFWMode_Cnt_M_u08 0 0			The state of the s		
	Name		· ·	Result	
gt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	EOTDmpFWMode_Cnt_M_u08			~	
	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-0	0 ± 0.000488281	~	

T				✓
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)			V
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt Rte Inst Ap EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	8.8		
k_EOTDynConf_Uls_u8p8	5120		
k_MinRackTrvl_HwDeg_u12p4	8256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2048		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	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	Harbler 520	
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_192	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelAuthority Uls f32	tgt_EtDmpFw_Per1_EOTDisable_Crit_igc tgt_EtDmpFw_Per1_HandwheelAuthority_L	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	Popult
	0	0	Result
EOTDmpFWMode_Cnt_M_u08	4.6767931	-	
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	7.0707301	4.676793134 ± 0.000488281	

T				✓
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 2.27 (Repeat Count = 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		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3328		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4656		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5808		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	74496		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	92928		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	4320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	7360		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	11200		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	12800		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	14400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	16000		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17600		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	19840		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	23040		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	26240		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	29440 3.452997184		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-1.162028134		
	0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value 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_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_Hu		
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	2.5999999	2.6 ± 0.000488281	-
0			

T				✓
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)			✓
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt Rte Inst Ap EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	4.838191342		
k_EOTDynConf_Uls_u8p8	21504		
k_MinRackTrvl_HwDeg_u12p4	17232		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	-4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	-3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	-3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	-3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	-3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	0		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	1024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	6016		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	77312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	96256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	7632		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	20480		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	23680		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	26880		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	30080		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-1.241301		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-207.6883241		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1362.780659		
	-1362.780659 2		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	145.4		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value 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_withvin_isz 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 Igc	tgt_EtDmpFw_Per1_EOTDampingEtd_iviting tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	oz	
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	
-5			

Τ				✓
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 2.29 (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	
· · · · · · · · · · · · · · ·			

T				✓
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 2.30 (Repeat Count = 1) Name	Input Value		
	•		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDwpConf_Ulo_vi2n2	1.304920053 23808		
k_EOTDynConf_Uls_u8p8			
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 -768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	-700		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]			
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 -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		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.690670133		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	234.0244154		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	165.3		
tgt_Rte_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	Result
	0	0	
EOTDmpFWMode_Cnt_M_u08	0	0	•

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
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 2.31 (Repeat Count = 1)	Innut Value		· ·
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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	5360		
t2_EOTPosDepDmpTbIX_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_rer1OTBisable_Crit_igc.value	0.1		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-400		
tgt_EtDmpFw_re11_Handwheerrostilot1_Hwbeg_is2.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	175.2		
		trNm f32	
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	IIII_I32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	II. #22	
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_Hu	·-	
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
Name EOTDmpFWMode_Cnt_M_u08	Actual Value 0 1	0	Result

T				✓
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 2.32 (Repeat Count = 1)	Invest Walter
Name	Input Value
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw 6.7
k_EOTDupConf_Ula_uses	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_EOTDmpFWActiveBoundY_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_EOTPosDepDmpTbIX_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. 427 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

T				✓
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 2.33 (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	✓

T				✓
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)	Innut Value		
Name	Input Value		
Rte_Inst_Ap_EtDmpFw	tgt_Rte_Inst_Ap_EtDmpFw		
k_EOTDmpFWInactiveLim_MtrNm_f32	1.1 26624		
k_EOTDynConf_Uls_u8p8			
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]	512 768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]			
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]	512 768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]			
	1536 1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2560 5888		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	7264		
	94208		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	116224		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	5440		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	5520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5952		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	9264		
	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-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		
	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	-3.4		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-400		
tgt_EtDmpFw_FeT1_CRFWittVeI_MitrRaupS_IS2.value	1		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.4		
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	700		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	205		
tgt_EtbmpFw_Per1_verlicle_speed_kpin_isz.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_AssistEO1Damping_MttNtll_i32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_AssisteO1bamping_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_EOTDampingLtg_MtiNin_is2 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDampingLtd_MitN tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
.aorpctomp: w.c.tomp: w_r or r_corbisable_ont_lgo	tgt_EtDmpFw_Per1_EOTDisable_Cfit_igc tgt_EtDmpFw_Per1_HandwheelAuthority_U	lls f32	
tat Rte Inst An EtDmnEw EtDmnEw Per1 HandwheelAuthority Ille f22	- 19	_	
	tot EtDmnEw Per1 HandwheelPosition Hi	wl.)ea t32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
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	ium	
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_er tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f	um 32	Post
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 CONDENSITION of AMALICA	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_er tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f Actual Value	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_er tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f	um 32	Result

T				✓
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 2.35 (Repeat Count = 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_s7p8[1][4]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	256		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	768		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	2816		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6064		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	7472		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	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_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		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3.9000001	3.9 ± 0.000488281	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
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		
	2		
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_EOTDampingEtd_intitive 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	

T				✓
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 2.37 (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_EOTPosDepDmpTblX_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_U	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	•

T				✓
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 2.38 (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	2560		
k_MinRackTrvI_HwDeg_u12p4	5136		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1024		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2560		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3584		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6592		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8096		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	105472		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	129536		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6080		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	6656		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	10352		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-6912		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-6384		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-5856		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-5664		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-5136		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	4480		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	7680		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	10880		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	14080 -4.3		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-4.3 800		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.8		
tgt_EtDmpFw_rer1_HandwheelPosition_HwDeg_f32.value	576		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	245.2		
tgt_Rte_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_Hu		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.10000002	-1.1 ± 0.000488281	-
-0	300002	2 0.000 10020 1	

T				✓
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 2.39 (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		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][2]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][3]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][4]	3840		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][0]	1280		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][1]	1536		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][2]	1792		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][3]	2048		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[2][4]	2304		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][0]	2816		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][1]	3072		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][2]	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][3]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	3840		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	6768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	8304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	108288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	132864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	6832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	10624		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-9216		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-8512		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-7808		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-6960		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-6720		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5120		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8320		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	14720		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.05		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-900		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	0.9 -788		
	-788		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	10.3		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	ltrNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEO1Damping_withvin_isz 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_EOTDampingEtd_intitive 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		
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	-2.04999995	-2.05 ± 0.000488281	
-5		0.000 .0020 !	

T				✓
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 2.40 (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		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-11520		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-10640		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-9760		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-8880		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-8160		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	5760		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	8960		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	12160		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	15360		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-2.566666667		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1000		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_nandwneeiAuthonty_Ois_132.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_M	trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssisteOrDamping_withtin_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	0	0	Rosult
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-2.5666666	-2.566666667 ± 0.000488281	
-3			

Τ				✓
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 2.41 (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_MinRackTrvI_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_EOTPosDepDmpTbIX_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_EOTDmpFWActivePoundY_MtrPodeS_s11p4[1]	8880		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	9760 10640		
t_EOTDmpFWActivePoundY_MtrPodeS_s11p4[3]	11520		
t_EOTDmpFW\chSed_Keh_u0a7(0)	6400		
t_EOTDmpFWVehSpd_Kph_u9p7[0] t EOTDmpFWVehSpd Kph u9p7[1]	9600		
	12800		
t_EOTDmpFWVehSpd_Kph_u9p7[2]			
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16000 -3.083333333		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-3.083333333 576		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.345		
tgt_EtDmpFw Per1 HandwheelPosition HwDeg f32.value	-90		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	30.2		
tgt Rte 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	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-1.8999998	-1.9 ± 0.000488281	•
0			

Τ				✓
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 2.42 (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		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	142848		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	6720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	6800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	11440		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	9600		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	10656		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	11712		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	12768		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	13824		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	7040		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	10240		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	13440		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	16640		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-788		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	-788 0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.634		
tgt_EtDmpFw_rer1_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_N	ltrNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Fc1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	_	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	_ :	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	Jls f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 HandwheelPosition HwDeg f32	tgt_EtDmpFw_Per1_HandwheelPosition_H		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 MEC Counter Cnt enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_er		
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	•
0 _			

T				✓
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	

T				✓
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 2.44 (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		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	7648		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	9344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	122368		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	149504		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	7040		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	7120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7712		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	11984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	21120		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	24320		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	27520		
t_EOTDmpFWVehSpd_Kph_u9p7[3]	30720		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-7.8		
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-90		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value tgt EtDmpFw Per1 HandwheelAuthority Uls f32.value	0 745		
tgt_EtDmpFw_Peri_HandwheelPosition HwDeg f32.value	0.745 768		
	0		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32		itrNm f32	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Perl 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 Igc	tgt_EtDmpFw_Per1_EOTDampingEtd_intrivi-		
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	-2	-2 ± 0.000488281	
acomp. A_1 or _co roumpingcto_Militali_loz.value	-	2 2 3.000 10020 1	

T				✓
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	

T				✓
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 2.46 (Repeat Count = 1) 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		
	3328		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][1]	3584		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][2] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][3]	3840		
	4096		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[0][4] t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][0]	-768		
	-512		
t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[1][1]	-512		
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_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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	8000		
t2_EOTPosDepDmpTblX_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_	MtrNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadp		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_Mtr	_	
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_		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_I	-	
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	Resul
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.5	2.5 ± 0.000488281	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	•
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	-





Test Step 2.47 (Repeat Count = 1)			✓
Name	Input Value		
Rte_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 0		
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0		
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1600		
tgt_EtDmpFw_Per1_HandwneeiPosition_HwDeg_132.value 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	trNm f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEO1Damping_within_is2 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Fei1_AssistEO1Damping_wi		
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 Hu		
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	- Count
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-8.80000019	-8.8 ± 0.000488281	
-3	2.000000.0	2.3 2 0.000 .00201	

T				✓
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	-





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		
14400 144	t2_EOTDmpFWActiveBoundY_MtrNm_s7p8[3][4]	4096		
12_EOTPosDepDmpTbX_HwDeg_u12p4[1] 0 230400 12_EOTPosDepDmpTbX_HwDeg_u12p4[1] 0 230400 12_EOTPosDepDmpTbX_HwDeg_u12p4[2] 0 14400 12_EOTPosDepDmpTbX_HwDeg_u12p4[2] 1 14400 12_EOTPosDepDmpTbX_HwDeg_u12p4[2] 1 14400 12_EOTPosDepDmpTbX_HwDeg_u12p4[3] 0 14400 12_EOTPosDepDmpTbX_HwDeg_u12p4[3] 0 14400 12_EOTPosDepDmpTbX_HwDeg_u12p4[3] 0 14400 12_EOTPosDepDmpTbX_HwDeg_u12p4[3] 0 14400 17888 12_EOTPosDepDmpTbX_HwDeg_u12p4[3] 1 14400 17888 12_EOTPosDepDmpTbX_HwDeg_u12p4[3] 1 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 17888 12_EOTDmpFWActiveBoundX_MtrRadpS_s12p4[4] 12_EOTDmpFWActive	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	14400		
Z_EOTPosDepDmpTbX_HwDeg_u12p4[1][1] 230400 14400 12_EOTPosDepDmpTbX_HwDeg_u12p4[2][0] 14400	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	14400		
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		
12_EOTDmpFWActiveBoundX_MtrRadpS_s1tp4[0] 17888 1. -EOTDmpFWActiveBoundX_MtrRadpS_s1tp4[1] 17888 1. -EOTDmpFWActiveBoundX_MtrRadpS_s1tp4[2] 17888 1. -EOTDmpFWActiveBoundX_MtrRadpS_s1tp4[2] 17888 1. -EOTDmpFWActiveBoundX_MtrRadpS_s1tp4[3] 17888 1. -EOTDmpFWActiveBoundX_MtrRadpS_s1tp4[4] 17888 1. -EOTDmpFW_Port_AssistEOTDmpfw_Port_Assist	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	14400		
L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17888 L_EOTDmpFWVehSpd_Kph_u9p7[0] 65408 L_EOTDmpFWVehSpd_Kph_u9p7[2] 65408 L_EOTDmpFWVehSpd_Kph_u9p7[3] 65408 L_EOTDmpFWVehSpd_Kph_u9p7[3] 65408 L_EOTDmpFWPer1_AssistEOTDamping_MtrNm_f32_value 1118 L_EIDmpFw_Per1_CRFMtrVel_MtrRadpS_f32_value 1118 L_EIDmpFw_Per1_CRFMtrVel_MtrRadpS_f32_value 1118 L_EIDmpFw_Per1_HandwheelAuthority_Uls_f32_value 15000 L_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32_value 16000 L_EIDmpFw_Per1_MEC_Counter_Cnt_enum_value 2 L_EIDmpFw_Per1_MEC_Counter_Cnt_enum_value 2 L_EIDmpFw_Per1_MeclDmpFw_Per1_AssistEOTDamping_MtrNm_f32 L_EIDmpFw_Per1_MeclDmpFw_Per1_AssistEOTDamping_MtrNm_f32 L_EIDmpFw_Per1_MeclDmpFw_Per1_AssistEOTDamping_MtrNm_f32 L_EIDmpFw_Per1_MeclDmpFw_Per1_AssistEOTDamping_MtrNm_f32 L_EIDmpFw_Per1_DerpFw_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 L_EIDmpFw_Per1_DerpFw_Per1_AssistEOTDamping_MtrNm_f32 L_EIDmpFw_Per1_DerpFw_Per1_AssistEOTDamping_MtrNm_f32 L_EIDmpFw_Per1_DerpFw_Per1_AssistEOTDamping_MtrNm_f32 L_EIDmpFw_Per1_DerpFw_Per1_AssistEOTDamping_MtrNm_f32 L_EIDmpFw_Per1_DerpF	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	14400		
L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17888 L_EOTDmpFWVehSpd_Kph_u9p7[0] 65408 L_EOTDmpFWVehSpd_Kph_u9p7[1] 65408 L_EOTDmpFWVehSpd_Kph_u9p7[3] 65408 L_EOTDmpFWVehSpd_Kph_u9p7[3] 65408 L_EOTDmpFWVehSpd_Kph_u9p7[3] 65408 L_EOTDmpFWVehSpd_Kph_u9p7[3] 65408 L_EOTDmpFW_Per1_AssistEOTDamping_MtrNm_f32_value 8.8 L_EIDmpFw_Per1_CRFMtrVel_MtrRadpS_f32_value 1118 L_EIDmpFw_Per1_EOTDisable_Cnt_lgc_value 1 L_EIDmpFw_Per1_HandwheelAuthority_Uls_f32_value 1600 L_EIDmpFw_Per1_HandwheelAuthority_Uls_f32_value 255 L_EIDmpFw_Per1_Vehicle_Speed_Kph_f32_value 255 L_EIDmpFw_Per1_Vehicle_Speed_Kph_f32_value 255 L_EIDmpFw_Per1_LeIDmpFw_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 1 L_EIDmpFw_Per1_LeIDmpFw_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 1 L_EIDmpFw_Per1_LeIDmpFw_EIDmpFw_Per1_EOTDisable_Cnt_lgc 1 L_EIDmpFw_Per1_LeIDmpFw_EIDmpFw_Per1_EOTDisable_Cnt_lgc 1 L_EIDmpFw_Per1_EIDmpFw_EIDmpFw_Per1_EOTDisable_Cnt_lgc 1 L_EIDmpFw_Per1_LeIDmpFw_EIDmpFw_Per1_HandwheelAuthority_Uls_f32 1 L_EIDmpFw_Per1_HandwheelAuthority_Uls_f32 1 L_EI	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	14400		
L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3] 17888 L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4] 17888 L_EOTDmpFWVehSpd_Kph_usp7[0] 65408 L_EOTDmpFWVehSpd_Kph_usp7[1] 65408 L_EOTDmpFWVehSpd_Kph_usp7[2] 65408 L_EOTDmpFWVehSpd_Kph_usp7[3] 65408 L_EOTDmpFWVehSpd_Kph_usp7[3] 65408 L_EOTDmpFWVehSpd_Kph_usp7[3] 65408 L_EOTDmpFWVehSpd_Kph_usp7[3] 65408 L_EOTDmpFWVehSpd_Kph_usp7[3] 65408 L_EOTDmpFW_Per1_AssistEOTDamping_MtrNm_f32_value 8.8 ltg_EIDmpFw_Per1_CRFMtrVel_MtrRadpS_f32_value 1118 ltg_EIDmpFw_Per1_CRFMtrVel_MtrRadpS_f32_value 1118 ltg_EIDmpFw_Per1_HandwheelAuthority_Uls_f32_value 1600 ltg_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32_value 1600 ltg_EIDmpFw_Per1_Vehicle_Speed_Kph_f32_value 255 ltg_Rte_Inst_Ap_EIDmpFw_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 112 ltg_Rte_Inst_Ap_EIDmpFw_EIDmpFw_Per1_AssistEOTDamping_MtrNm_f32 112 ltg_Rte_Inst_Ap_EIDmpFw_EIDmpFw_Per1_COTDisable_Cnt_lgc 112 ltg_Rte_Inst_Ap_EIDmpFw_EIDmpFw_Per1_EOTDisable_Cnt_lgc 112 ltg_Rte_Inst_Ap_EIDmpFw_EIDmpFw_Per1_EOTDisable_Cnt_lgc 112 ltg_Rte_Inst_Ap_EIDmpFw_EIDmpFw_Per1_HandwheelAuthority_Uls_f32 112 ltg_Rte_Inst_Ap_EIDmpFw_EIDmpFw_Per1_HandwheelPosition_HwDeg_f32 112 ltg_Rte_Inst_Ap_EIDmpFw_Per1_Vehicle_Speed_Kph_f32 112 Name Actual Value Expected Value Result EXPORTMENT ACTUAL Value Expected Value Result EXPORTMENT ACTUAL Value Expected Value Persult LEOTDmpFWMChander Actual Value Expected Value Persult LEOTDmpFWChander Cnt_Mu08 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	17888		
L_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	17888		
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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_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_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_EOTDampingLtd_MtrNm_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_UIs_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_UIs_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_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_EOTDisable_Cnt_lgc.value	1		
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_CRFMtrVel_MtrRadpS_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_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_BOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_BoTDisable_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_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name 255 255 255 255 255 255 255 2	tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value tgt_EtDmpFw_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 255 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value			
tgt_Rte_Inst_Ap_EtDmpFw_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name tgt_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_EOTDisable_Cnt_Igc tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Actual Value Expected Value Result EOTDmpFWMode_Cnt_M_u08	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_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 LetDmpFw_Per1_CRFMtrVel_MtrRadpS_f32 tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name LetDmpFw_Per1_Vehicle_Speed_Kpl_f32 Actual Value Expected Value Result Expected Value Result	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	255		
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	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Location	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name Location Actual Value Expected Value Result Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw_Der1_Vehicle_Speed_Kph_f32 Location Actual Value Location Actual Value Result Counter_Cnt_enum Location Actual Value Location Actual Value Result Counter_Cnt_enum Location Actual Value Location Actual V	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32		m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name EOTDmpFWMode_Cnt_M_u08 tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Expected Value Result	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc			
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32			
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	•

T				✓
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 Case 3: Path Test

Specification

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

TS3.1 1960.00 Cycles
TS3.2 1919.00 Cycles
TS3.3 1980.00 Cycles
TS3.4 1974.00 Cycles
TS3.5 1958.00 Cycles
TS3.5 1958.00 Cycles
TS3.6 1958.00 Cycles
TS3.7 1883.00 Cycles
TS3.8 1931.00 Cycles
TS3.8 1931.00 Cycles
TS3.10 1926.00 Cycles
TS3.11 1982.00 Cycles
TS3.11 1982.00 Cycles
TS3.12 1836.00 Cycles
TS3.13 1801.00 Cycles
TS3.14 1827.00 Cycles
TS3.15 1882.00 Cycles
TS3.11 1800.00 Cycles
TS3.11 1800.00 Cycles

Description Vector Description

TS3.1 ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC)T && (MECCounter_Cnt_T_enum != ProductionMode)T) =>TRUE
TS3.2 ((EOTDisable_Cnt_T_lgc != D_FALSE_CNT_LGC) && (MECCounter_Cnt_T_enum != ProductionMode)T) =>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 EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UprBndActive_MtrNm_T_f32)=>TRUE
TS3.10 EOTDmpFWActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, LwrBndActive_MtrNm_T_f32, UprBndActive_MtrNm_T_f32)=>TRUE
TS3.11 EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, k_EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE
TS3.12 EOTDmpFWInActLtd_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, k_EOTDmpFWInactiveLim_MtrNm_f32)=>TRUE
TS3.13 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, -k_EOTDmpFWInactiveLim_MtrNm_f32, -b_MTRTRQCMDLOLMT_MTRNM_F32, -b_MTRTRQCMDHILMT_MTRNM_F32)=>TRUE
TS3.14 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, D_MTRTRQCMDLOLMT_MTRNM_F32, -b_MTRTRQCMDHILMT_MTRNM_F32)=>FALSE
TS3.15 LimitedEOTDamping_MtrNm_T_f32 = Limit_m(EOTDmpFWActLtd_MtrNm_T_f32, D_MTRTRQCMDLOLMT_MTRNM_F32, -b_MTRTRQCMDHILMT_MTRNM_F32)=>FALSE

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

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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_Mtr	Nm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn	n_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_Igc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_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	m	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-4	-4 ± 0.000488281	~

T				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_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_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	~

Τ				✓
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)	√
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

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Name	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	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_Mt	Nm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	n_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_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	m	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3.	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0.126168191	0.126168191 ± 0.000488281	~

T				✓
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 3.4 (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 EOTPosDepDmpTbIX 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_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	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	0	0 ± 0.000488281	•

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
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

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EtDmpFw_Per1





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_Mtr	Nm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_t	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_enu	m	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	8.80000019	8.8 ± 0.000488281	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	•
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	•
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	•

Test Step 3.6 (Repeat Count = 1)	
Name	Input Value
Rte_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 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	2064
t2 EOTPosDepDmpTblX HwDeg u12p4[1][0]	23808
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	33024
t2 EOTPosDepDmpTbIX HwDeg u12p4[2][0]	1440
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1520
t2 EOTPosDepDmpTbIX HwDeg u12p4[3][0]	1552
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	2464
t EOTDmpFWActiveBoundX MtrRadpS s11p4[0]	-15984
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-15824
t EOTDmpFWActiveBoundX MtrRadpS s11p4[2]	-2064
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1904
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1744
t_EOTDmpFWVehSpd_Kph_u9p7[0]	8320
t_EOTDmpFWVehSpd_Kph_u9p7[1]	11520
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14720
t_EOTDmpFWVehSpd_Kph_u9p7[3]	17920
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.11969943
tgt EtDmpFw Per1 CRFMtrVel MtrRadpS f32.value	0
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1
tgt EtDmpFw Per1 HandwheelAuthority Uls f32.value	1
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	491.524636
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2

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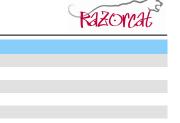
Name	Input Value		
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	200.1		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_M	trNm_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS	_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hv	vDeg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_en	um	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	32	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	2	2	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	4.11969948	4.11969943 ± 0.000488281	✓

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	~
Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP1_CheckpointReached	1	~

Test Step 3.7 (Repeat Count = 1)	
Name	Input Value
Rte_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 EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	32256
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	43008
t2 EOTPosDepDmpTbIX_TWDeg_u12p4[1][1]	1920
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2000
t2 EOTPosDepDmpTbIX_TWDeg_u12p4[2][1]	2080
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3280
_	-2304
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-2128
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-1952
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1776
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1616
t_EOTDmpFWVehSpd_Kph_u9p7[0]	10240
t_EOTDmpFWVehSpd_Kph_u9p7[1]	13440
t_EOTDmpFWVehSpd_Kph_u9p7[2]	16640
t_EOTDmpFWVehSpd_Kph_u9p7[3]	19840
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	4.081390154
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	-458.8477756
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	1
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	1
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	1488.033648
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	0
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	5.1
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_AssistEOTDamping_MtrNm_f3	tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32

EtDmpFw_Per1





Name	Input Value		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_	<u>f</u> 32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNr	m_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_Ul	s_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32	tgt_EtDmpFw_Per1_HandwheelPosition_Hw	/Deg_f32	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum	tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	ım	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	3.57505035	3.575050282 ± 0.000488281	~

Т				
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 3.8 (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_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	2160
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2256
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3552
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	-4608
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-4256
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-3904
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-3552
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-3376
t_EOTDmpFWVehSpd_Kph_u9p7[0]	10880
t_EOTDmpFWVehSpd_Kph_u9p7[1]	14080
t_EOTDmpFWVehSpd_Kph_u9p7[2]	17280
t_EOTDmpFWVehSpd_Kph_u9p7[3]	20480
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-6.746804619
tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_f32.value	1083.310996
tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc.value	0
tgt_EtDmpFw_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_EtDmpFw_Per1_HandwheelPosition_HwDeg_f32.value	-1569.851612
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	2
tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f32.value	10.2
tgt_Rte_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

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2014-09-04, 17:13:03+0530



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_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	m	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3	2	
Name	Actual Value	Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	-3.15281343	-3.152813399 ± 0.000488281	•

T				
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
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	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_Igc	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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EtDmpFw_Per1

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_enu	m	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32			
Name		Expected Value	Result
EOTDmpFWMode_Cnt_M_u08	0	0	~
	-1.10000002	-1.1 ± 0.000488281	~

7

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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	✓

Т				✓
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 Rte_Inst_Ap_EtDmpFw k_EOTDmpFWInactiveLim_MtrNm_f32	Input Value		
	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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	1488		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	2064		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	23808		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	33024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1440		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1552 2464		
	-15984		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0] t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	-15824		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	-2064		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	-1904		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	-1744		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	8320		
t EOTDmpFWVehSpd Kph u9p7[1]	11520		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	14720		
t EOTDmpFWVehSpd Kph u9p7[3]	17920		
tgt_EtDmpFw_Per1_AssistEOTDamping_MtrNm_f32.value	-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		
<u> </u>	2		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	Take 1		
	200.1		
tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enum.value	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr		
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_EtDmpFw_Per1_AssistEOTDamping_Mtr 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	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn	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_EtDmpFw_Per1_AssistEOTDamping_Mtr tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNntgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	f32 n_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_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Ul:	f32 n_f32 s_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_EtDmpFw_Per1_AssistEOTDamping_Mtr tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Ulstgt_EtDmpFw_Per1_HandwheelPosition_Hw	f32 n_f32 s_f32 Deg_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	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtr tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNntgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Ulstgt_EtDmpFw_Per1_HandwheelPosition_Hw tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu	f32 m_f32 s_f32 Deg_f32 um	
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_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtt tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Ul: tgt_EtDmpFw_Per1_HandwheelPosition_Hw tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3:	f32 m_f32 s_f32 Deg_f32 um 2	
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_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32 Name	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtt tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNntgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Ult tgt_EtDmpFw_Per1_HandwheelPosition_Hw tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enutgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3:	f32 m_f32 s_f32 Deg_f32 um 2 Expected Value	Resul
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_Igc tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_MEC_Counter_Cnt_enum tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_Vehicle_Speed_Kph_f32	tgt_EtDmpFw_Per1_AssistEOTDamping_Mtt tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS_ tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNn tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc tgt_EtDmpFw_Per1_HandwheelAuthority_Ul: tgt_EtDmpFw_Per1_HandwheelPosition_Hw tgt_EtDmpFw_Per1_MEC_Counter_Cnt_enu tgt_EtDmpFw_Per1_Vehicle_Speed_Kph_f3:	f32 m_f32 s_f32 Deg_f32 um 2	Resul

Τ				✓
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	2 0.000 .00201	

T				✓
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 3.13 (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_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	230400		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	14400		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[0]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[1]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[2]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[3]	17888		
t_EOTDmpFWActiveBoundX_MtrRadpS_s11p4[4]	17888		
t_EOTDmpFWVehSpd_Kph_u9p7[0]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[1]	65408		
t_EOTDmpFWVehSpd_Kph_u9p7[2]	65408 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_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	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	~
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	2.4000001	2.4 ± 0.000488281	•

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	•
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	-





Test Step 3.14 (Repeat Count = 1)			✓
Name	Input Value		
Rte_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_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	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_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32	tgt_EtDmpFw_Per1_CRFMtrVel_MtrRadpS		
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDampingLtd_MtrNm_132 tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_EOTDisable_Cnt_lgc	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN tgt_EtDmpFw_Per1_EOTDisable_Cnt_lgc	III_I92	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_E01bisable_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_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	Popult
	0	0	Result
EOTDmpFWMode_Cnt_M_u08	8.80000019		
tgt_EtDmpFw_Per1_EOTDampingLtd_MtrNm_f32.value	0.00000019	8.8 ± 0.000488281	_

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	Rte_Call_EtDmpFw_Per1_CP0_CheckpointReached	1	~
BilinearXYM_s16_s16Xs16YM_Cnt	2	BilinearXYM_s16_s16Xs16YM_Cnt	2	•
Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	Rte Call EtDmpFw Per1 CP1 CheckpointReached	1	-





Test Step 3.15 (Repeat Count = 1)			V
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	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 CRFMtrVel MtrRadpS		
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDampingLtd MtrNm f32	tgt_EtDmpFw_Per1_EOTDampingLtd_MtrN	_	
tgt Rte Inst Ap EtDmpFw.EtDmpFw Per1 EOTDisable Cnt Igc	tgt EtDmpFw Per1 EOTDisable Cnt Igc	<u>.</u>	
tgt_Rte_Inst_Ap_EtDmpFw.EtDmpFw_Per1_HandwheelAuthority_Uls_f32	tgt_EtDmpFw_Per1_HandwheelAuthority_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	-8.80000019	-8.8 ± 0.000488281	-
	2.000000.0	1.5 2 0.000 .00201	

T				✓
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	-